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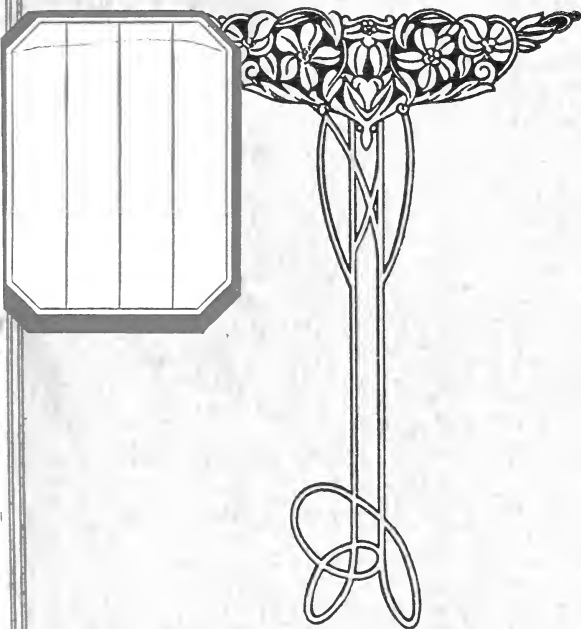
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1917

FLORESTS' WHOLESALE CATALOGUE

of
PLANTS, CUTTINGS, BULBS
and
CHOICE FLOWER SEEDS
SUPPLIES



ROMAN J. IRWIN
IMPORTER

108 WEST 28TH.ST., NEW YORK.

TELEPHONES FARRAGUT { 2326
3738

INTRODUCTORY

A SQUARE DEAL TO EVERYONE



TWENTY-SEVEN years of practical experience enables me to know where to get the best stock, for which I contract with growers who specialize in the different plants--there being few who can grow many things well.

I am in touch with the leading growers at all times and know who has the best stock at right prices, so it is an advantage for you to place your orders with me.

My prices are always the same as the producer's. Try me and satisfy yourself.

*PRICES IN THIS CATALOGUE ARE SUBJECT
TO CHANGE WITHOUT NOTICE*

TERMS: Sixty days net, 2% for cash in 10 days, 3% cash with order.

NEW ACCOUNTS: Cash with order, or satisfactory trade references.

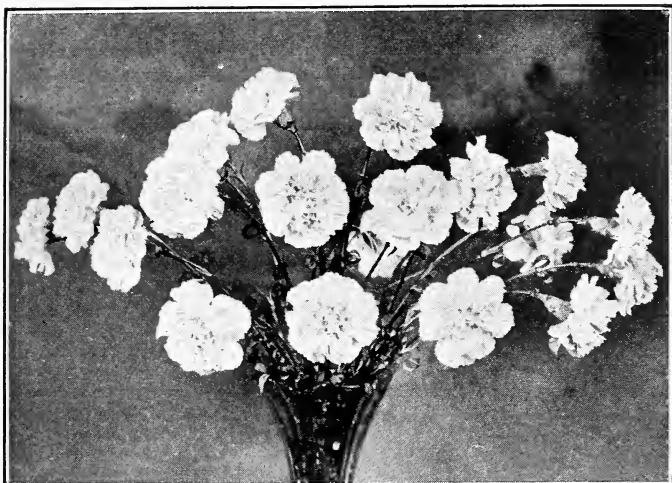
C. O. D. ORDERS must be accompanied with a deposit.

DAMAGED PLANTS: Should a shipment reach you by express damaged, sign for it: "**Received in damaged condition**," and be sure to notify your express agent at once to inspect the plants. Then notify me immediately and I will collect from Express Company and make good to you. Do not return plants to me without first communicating.

CLAIMS: All claims must be made on receipt of goods, or they will not be entertained.

250 of a variety listed are sold at 1000 rate, except where quoted otherwise.

WARRANTY: While I exercise care to have all seeds pure and reliable, and all **bulbs, plants and nursery stock** true to name, I do not give any warranty, express or implied, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms and conditions, they must be returned at once, and the money that has been paid for same will be refunded.



Cottage Maid

CARNATIONS

Cottage Maid. Sport of Mrs. C. W. Ward; color a pleasing shade of light pink; fine keeper; its habit and flowering quality is the same as C. W. Ward.	100	1000
Rooted Cuttings.....	\$12.00	\$100.00
Rosalia. (<i>Dorner.</i>) Cerise pink, an improvement on Rosette; fine stem, with 3½-inch flowers; free flowering.		
Rooted Cuttings.....	12.00	100.00
Thenanthos. (<i>Anton Then.</i>) New scarlet, a strong grower, and free flowering; said to be the best red grown around Chicago.		
Rooted Cuttings.....	Doz. \$1.50	12.00 100.00
2¼-inch pots.....	Doz. \$2.00	16.00
Albert Roper. Cerise, medium size, long, stiff stem; good bloomer, and free from splitting.		
Rooted Cuttings.....	12.00	100.00
Doris. Brilliant maroon. A vigorous grower, producing a succession of high-grade blooms on long, stiff stems; absolutely healthy; no surplus grass; every shoot running to flower. Size, 3-inch; an excellent commercial variety.		
Rooted Cuttings.....	12.00	100.00
Merry Christmas. New red, said to be the best new red carnation on the market this year.		
Rooted Cuttings.....	12.00	100.00

SECOND YEAR VARIETIES THAT HAVE MADE GOOD

Belle Washburn (Red)	Miss Theo (Bright pink)
Aviator (Red)	Nancy (Salmon pink)
Nebraska (Red)	Alice Coombs (Light pink)
Prices on above:	100 1000
Rooted Cuttings.....	Doz. 75c. \$3.00 \$50.00
2¼-inch pots.....	Doz. \$1.00 8.00 75.00

NEWER STANDARD VARIETIES

Yellow Prince. Best yellow in the market. My cuttings are taken from carefully selected plants.	100	1000
Rooted Cuttings.....	\$1.00	\$35.00
Pink Delight. Always scarce; order early.		
Rooted Cuttings.....	5.00	40.00
Cornell. A fine red, grown successfully by several growers, is free-flowering, of medium size, fine color, and does not split.		
Rooted Cuttings.....	6.00	50.00
Good Cheer. Rooted Cuttings.....	4.00	35.00
Gloriosa. Rooted Cuttings.....	4.00	35.00
Enchantress Supreme. Rooted Cuttings.....	3.50	30.00
Benora. Rooted Cuttings.....	3.50	30.00
Rosette. Selected stock. Rooted Cuttings.....	4.00	35.00
Pocahontas (Crimson).....	3.50	30.00

STANDARD VARIETIES—See page 2

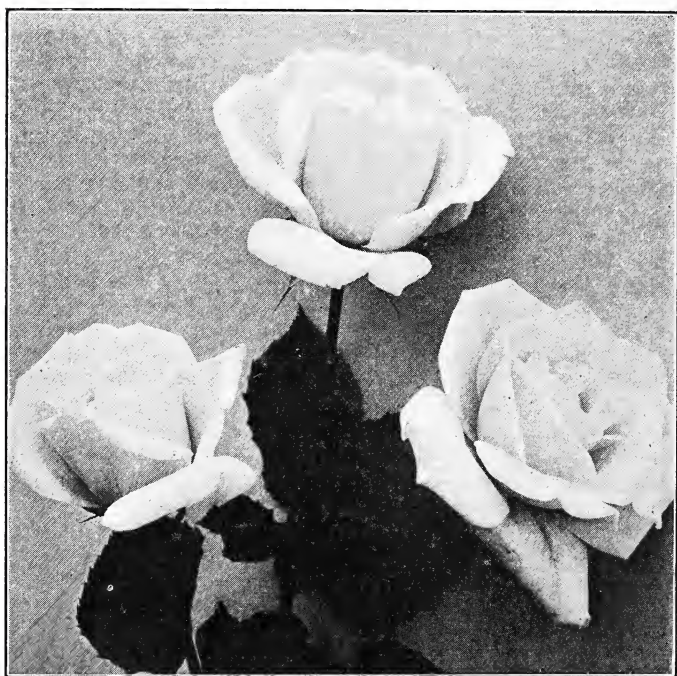
CARNATIONS—Continued

STANDARD VARIETIES

RED	WHITE	PINK
Beacon	White Wonder	Enchantress
Red Wing	Matchless	Rose Pink Enchan-
Champion	White Enchantress	tress
Herald	White Perfection	Mrs. C. W. Ward
Eureka		Alice
Harlowarden (Crimson)		May Day
Ruby (Crimson)		Rosette
Princess Dagmar (Crimson)		
Harry Fenn (Crimson)		

Prices on above:

	Doz.	100	1000
Rooted Cuttings.....	\$0.50	\$3.00	\$25.00
2 1/4-inch pots.....	.75	5.00	45.00



Ophelia

GREENHOUSE ROSES

	Grafted		Own Root	
	100	1000	100	1000
Cleveland.....	\$17.50	\$150.00	\$12.00	\$100.00
Gorgeous.....	17.50	150.00	12.00	100.00
Russell.....	16.00	150.00	Grafted only	
Bayard Thayer.....	16.00	150.00	Grafted only	
September Morn.....	16.00	150.00	12.00	100.00
Prima Donna.....	16.00	150.00	10.00	90.00
Lady Alice Stanley.....	12.50	120.00	7.50	60.00
Red Radiance.....	12.50	120.00	7.50	60.00
Echo.....	12.50	120.00	7.50	60.00
Double White Killarney.....	12.50	120.00	7.50	60.00
Francis Scott Key.....	12.50	120.00	7.50	60.00
Aaron Ward.....	12.50	120.00	7.50	60.00
Shawyer.....	12.50	120.00	7.50	60.00
Cecil Brunner.....	12.50	120.00	7.50	60.00
Killarney Queen.....	12.50	120.00	7.50	60.00
Ophelia.....	12.50	120.00	7.50	60.00
Hoosier Beauty.....	12.50	120.00	7.50	60.00
Hadley.....	12.50	120.00	7.50	60.00
Killarney Brilliant.....	12.50	120.00	7.50	60.00

GREENHOUSE ROSES—Continued

	Grafted		Own Root	
	100	1000	100	1000
J. J. L. Mock.....	\$12.50	\$120.00	\$7.50	\$60.00
Arenberg.....	12.50	120.00	7.50	60.00
Pink Killarney.....	12.50	120.00	7.50	60.00
White Killarney.....	12.50	120.00	7.50	60.00
Radiance.....	12.50	120.00	7.50	60.00
Baby Doll.....	12.50	120.00	7.50	60.00
Maryland.....	12.50	120.00	8.00	75.00
Sunburst.....	Own root only		9.00	85.00
Richmond.....	12.50	120.00	7.50	60.00
Lady Hillingdon.....	12.50	120.00	7.50	60.00
Kaiserin Aug. Victoria.....	12.50	120.00	7.50	60.00
Bride and Bridesmaid.....	12.50	120.00	7.50	60.00
American Beauty. Own root only.	Doz.		100	1000
2¼-inch.....	\$1.00	\$ 8.00	\$ 75.00	
3-inch.....	1.50	12.00	100.00	
4-inch.....	2.25	18.00	175.00	

All other varieties, prices on application.

ROSES.—OWN ROOT

For outside planting to grow on, in all varieties: Hybrid Teas, Hybrid Perpetuals and Climbers, 2¼-inch and 4-inch pots.

	Per 100			Per 100	
	2¼-in.	4-in.		2¼-in.	4-in.
Baby Erna Tes-			Hadley.....	\$5.50	\$20.00
chendorf.....	\$3.50	\$12.00	La France.....	3.50	12.00
Baby Orleans.....	3.50	12.00	Magna Charta....	4.50	12.00
Baby Rambler....	4.00	12.00	Marechal Niel....	3.50	15.00
Baby Tausend-			Meteor.....	3.50	12.00
schoen.....	4.00	12.00	Mock.....	4.50	15.00
Clothilde Soupert.	3.50	12.00	My Maryland....	4.50	15.00
Cochet Pink.....	3.50	12.00	Mrs. Aaron Ward.	5.00	15.00
Cochet White....	3.50	12.00	Mrs. John Laing..	4.00	12.00
Crimson Rambler.	3.00	12.00	Mrs. W. H. Cut-		
Dorothy Perkins..	3.00	12.00	bush.....	3.50	10.00
Double White Kil-			Ophelia.....	4.50	15.00
larney.....	4.50	15.00	Pres. Taft.....	4.00	12.00
Excelsa, cl.....	3.50	12.00	Paul Neyron.....	4.00	12.00
Etoile de France..	3.50	12.00	Radiance.....	4.00	12.00
Etoile de Lyon....	3.50	12.00	Red Radiance....	10.00	
Fr. Karl Druschki.	7.00	15.00	Rhea Reid.....	4.00	15.00
General Jack.....	3.50	12.00	Safrano.....	3.00	10.00
Gen. MacArthur..	4.00	12.00	Souv. de Pierre		
Gruss an Teplitz..	3.50	12.00	Nutting.....	3.50	12.00
Helen Gould.....	3.50	12.00	Souv. de Pres. Car-		
Kaiserin Aug. Vic-			not.....	3.50	12.00
toria.....	3.50	12.00	Sunburst.....	4.50	15.00
Killarney.....	4.00	15.00	Tausendschoen....	3.50	12.00
Hermosa.....	3.50	10.00			

And all other varieties. Prices range from \$3.50, \$4.00 and \$6.00 per 100 for 2¼-inch, and \$12.00 to \$15.00 for 4-inch. Send me your list and I will quote you prices. If only a dozen of a variety is ordered, 2¼-inch or 4-inch, price will be at 100 rate, plus 20c. per dozen.

General Collection of 2 Year Old Dormant Field-grown Roses, American Grown

FOR EASTER FORCING AND SPRING SALES

Ready now and for Spring delivery, 1917

All the following are selected. Prices on application.

Magna Charta	General Jack	Paul Neyron
Mad. Gabriel Luizet	Ulrich Brunner	Frau Karl Druschki

ROSES—Continued

BABY RAMBLER TYPE, FORCING GRADE

Baby Rambler
Baby Tausendschon

Erna Teschendorf
Orleans

BEST CLIMBING VARIETIES FOR FORCING

Excelsa
Crimson Rambler
Trier

Dorothy Perkins
Hiawatha
Climbing American Beauty
Flower of Fairfield

HYBRID TEA ROSES

2-year-old, field-grown

List furnished on application, with prices.

BENCH GROWN ROSES

Should you be in the market for any during the Spring, please write. I am in touch with the leading growers who intend to re-plant during the Spring or Summer, and I can, therefore, furnish good varieties of bench-grown Roses at market prices.

ROSES FOR OUTDOOR PLANTING

Roses from 5- or 6-inch pots, for Spring sales, ready for immediate outdoor planting. Prices on application.

CHRYSANTHEMUMS

Best varieties for commercial use of recent introduction.

			2¼-in. pots	
			Doz.	100
Alice Day (Pure white).....			\$3.00	\$20.00
Josephine Foley (White).....			3.00	20.00
	Rooted Cuttings		2¼-in. pots	
	100	1000	100	1000
Golden Gleam (Yellow).....	\$6.00	\$50.00	\$8.00	\$70.00
Tekonsha (Bronze).....	6.00	50.00	8.00	70.00
White Patty.....	6.00	50.00	8.00	70.00
E. M. Benson.....	6.00	50.00	8.00	70.00
Mrs. M. R. Morgan.....	6.00	50.00	8.00	70.00
Crystal Gem (White).....	6.00	50.00	8.00	70.00
Autocrat (Snow white).....	6.00	50.00	8.00	70.00
Alex Guttman (Pink).....	7.00	65.00	10.00	90.00
Barbara Davis. Fine reddish bronze, a good commercial variety.				
2¼-inch pots: 50c. each, \$5.00 per doz., \$35.00 per 100.				
October King. Deep golden yellow; incurved; flowers first week in October; the best early yellow shown this season. Any bud after August 1st. Height, 2½ feet. 2¼-inch pots, \$2.00 each, \$20.00 per doz.				
Modello (Golden Bronze).			100	1000
Rooted Cuttings.....			\$4.00	\$35.00
2¼-inch pots.....			5.00	45.00
William Turner.				
Rooted Cuttings.....			3.50	30.00
2¼-inch.....			5.00	45.00
Golden Eaton.				
Rooted Cuttings.....			4.00	35.00
2¼-inch.....			5.00	45.00

CHADWICK VARIETIES

Golden Chadwick
Chadwick Supreme (Pink)

White Chadwick
Indian Summer, or Bronze
Chadwick

		100	1000
Rooted Cuttings.....		\$3.50	\$30.00
2¼-inch.....		5.00	40.00



Early Frost

CHOICE COMMERCIAL VARIETIES

WHITE

Early Frost
Early Snow
Naomah
Elise Papworth
Mary E. Meyer
Chas. Razer
Timothy Eaton
Lynnwood Hall
December Gem
White Helen Frick
Jeanne Nonin
Oconto
Mistletoe
Smith's Ideal
Alice Byron
White Chieftain
George S. Kalb
Polly Rose

YELLOW

Comoleta
Yellow Ivory
Chrysolora
August Dasse
Merry Jane
Roman Gold
Yellow Eaton
Nagoya
Col. Appleton
Dolly Dimple
Tints of Gold
Gold Mine
Golden Wedding
Greystone
Ramapo
Robert Halliday
Yellow Polly Rose
Marigold
Golden Queen

PINK

Unaka
Chieftain
Pink Gem
Hirondelle
Helen Frick
W. R. Brock
Wells' Late Pink
E. A. Seidewitz
Glory of Pacific
A. J. Balfour
Dr. Enguehard

RED

Harvard (Best)
Intensity

	Doz.	100	1000
Rooted Cuttings.....	\$0.50	\$3.00	\$20.00
2¼-inch.....	.75	4.00	30.00

GENERAL COLLECTION

WHITE

Smith's Advance
Ivory
Mrs. Jerome Jones

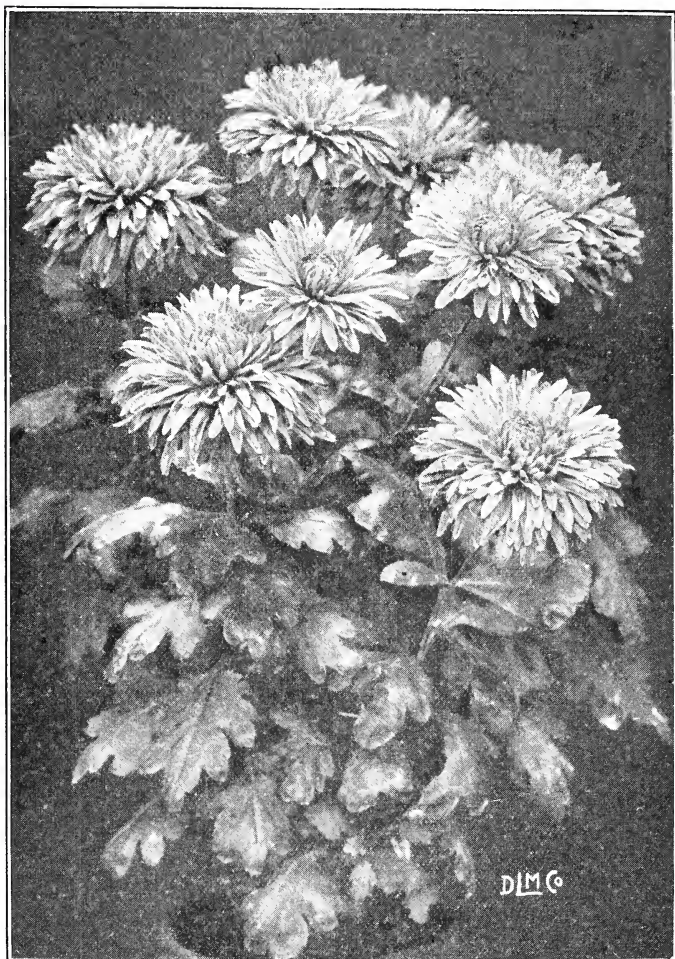
YELLOW

Golden Glow
Major Bonnaffon
Yellow Jerome Jones

PINK

Pacific Supreme
Pink Ivory
Maud Dean
Patty
McNeice

	Doz.	100	1000
Rooted Cuttings.....	\$0.50	\$2.00	\$17.50
2¼-inch.....	.50	3.00	25.00



Chrysanthemums, Caprice Type

'MUMS FOR POTS

CAPRICE CHRYSANTHEMUMS

Best varieties for pot culture.

	Rooted Cuttings		2¼-in. pots	
	100	1000	100	1000
Butler's Caprice (Deep pink).....	\$3.50	\$30.00	\$4.00	\$35.00
Caprice de Printemps (Deep rose).....	3.50	30.00	4.00	35.00
Yellow Caprice (Bright yellow).....	3.50	30.00	4.00	35.00
White Caprice.....	3.50	30.00	4.00	35.00
Purple Caprice.....	3.50	30.00	4.00	35.00
Lilac Caprice (Deep lilac).....	3.50	30.00	4.00	35.00
Mrs. Greening (Lilac).....	3.50	30.00	4.00	35.00
Kathleen Thompson (Crimson)....	3.50	30.00	4.00	35.00

POMPON CHRYSANTHEMUMS

Best new varieties.

	Doz.	100
Delphine Dodge. Rose pink, flowers about October 25th until early November; very free flowering. 2¼-inch pots.....	\$2.00	\$15.00
Romaine Warren. Orange yellow or light bronze. Clean grower of medium height; one of the best and most distinct varieties. 2¼-inch pots.....	2.00	15.00

CHRYSANTHEMUMS—Continued

Hilda Canning. Bronze; small button variety, same as Yellow Baby; distinct, and will go well with White and Yellow Baby. Doz. 100

2¼-inch pots.....\$2.00 \$15.00

White Lilian Doty. Pure white sport of Pink Lilian Doty. The finest white variety of this type.

2¼-inch pots.....Each 10c. 1.00 8.00

Eugene Langaulet. Deep golden yellow, with a double row of petals on outer edge which resembles the Anemone type: late flowering; holds good until

Thanksgiving. 2¼-inch pots.....1000 \$35.00 4.00

POMPONS, STANDARD VARIETIES

Acto	*Golden Climax	Madge
*Baby	Golden Harvest	Mary
*Baby Margaret	*Golden West	Merstham Tints
Bronze Source d'Or	Julia Lagravere	Miss Julia
Celco	*Harvest Moon	Nesco
*Clorinda	*Helen Newberry	Nio
*Diana	Iva	*Overbrook
Donald	Leota	Queen of Whites
Doris	Lilla	Quinola
Elva	Lilian Doty	Rita
Fairy Queen	Little Pet	Rufus
*Frank Wilcox, or	Lula	Skibo
Souv. d'Or	Lyndhurst	Western Beauty
		(Best late)

Doz. 100 1000

Rooted Cuttings.....\$0.50 \$2.50 \$20.00

2¼-inch pots......50 3.00 27.50

*Those marked with a star make the best collection for the average grower.

THREE BEST SINGLE 'MUMS FOR FORCING

White Mensa Golden Mensa W. E. Buckingham (Pink)

Doz. 100 1000

Rooted Cuttings.....\$0.50 \$3.00 \$25.00

2¼-inch pots......60 4.00 35.00

Mrs. E. D. Godfrey. Best late pink for Thanksgiving; flowers right after W. E. Buckingham.

GENERAL COLLECTION OF SINGLES

Gladys Duckham	Polly Duncan	Alex. Rowbottom
Mensa	Caledonia	Red Riding Hood
Emma L. Davis	Emile	Dorothy Dann
Golden Mensa	Miss Mary Pope	Mrs. Whitehorn
Josephine	Mrs. E. D. Godfrey	Merstham Jewel
Margaret Totty	Mrs. W. E. Buckingham	

Doz. 100 1000

2¼-inch.....\$0.60 \$4.00 \$35.00

New Small-Flowered Anemone Chrysanthemum

"NORMAN REUTER"

Deepest golden yellow, with its small, tufted head of bright orange in the center. Growth very short jointed; ideal for growing as a pot plant or cut flowers in sprays when slightly disbudded. Most valuable addition this type has had in years. \$2.00 per doz., \$15.00 per 100.

SINGLE ANEMONE 'MUMS

Frank Dinda's Seedlings

Three best varieties for cut flowers and general commercial use.

Doz. 100 1000

Blanche (Pure white). Rooted Cuttings.....\$10.00 \$80.00

" " 2¼-inch pots.....\$7.50 50.00

Elizabeth (Golden yellow). Rooted Cuttings.....10.00 80.00

" " 2¼-inch pots.... 7.50 50.00

Emma (Pink). Rooted Cuttings.....6.00 50.00

Greenhouse and Miscellaneous Plants

(Bedding Plants listed under Bedding Plants)

ABUTILON. In best varieties. 2¼-inch pots..... 100 1000
\$5.00

ADIANTUM. In variety. Prices quoted under Ferns.

ANTIRRHINUM, or **SNAPDRAGON.** New varieties.

Keystone. Clear rose pink; blooms from November on through the Winter season.

Phelp's White **Ramsburg's Silver Pink**

Nelrose **Yellow**

Buxton's Silver Pink **White**

Red

Rooted Cuttings..... 2.00 \$15.00

2½-inch pots..... Doz. 60c. 5.00 40.00

ARDISIAS. To grow on in all sizes. Prices on application.

ASPARAGUS.

Plumosus Nanus. My stock of this is well grown from greenhouse grown seed, which gives best results to cut from.

2¼-inch pots..... 3.00 25.00

3-inch pots..... 6.00 50.00

4-inch pots..... Doz. \$1.50 10.00

Sprengeri.

2¼-inch pots..... 3.00 25.00

3-inch pots..... 6.00 50.00

4-inch pots..... Doz. \$1.50 10.00

Hatcheri.

2¼-inch pots..... 4.00 35.00

3-inch pots..... 8.00

ASPARAGUS SEEDLINGS.

Asparagus Plumosus Nanus from true greenhouse-grown seed..... 1.00 8.00

2500..... 7.50

5000..... 7.00

Sprengeri..... .60 5.00

Hatcheri..... 1.25 10.00

AZALEA INDICA. Place your order with me now or before July 15th, and save yourself a lot of trouble, which you are bound to have under the new inspection laws. I import my Azaleas from one of the best growers in Europe, and your order can be filled in Belgium, and shipped direct to you as soon as they arrive in New York, duty and all other charges included.

10-inch crown, your selection. 16-18 inch crown your selection.

10-12 " " " " 17-19 " " " "

12-14 " " " " 18-20 " " " "

14-16 " " " " 20-22 " " " "

15-17 " " " " 20-22 " " " "

Prices quoted on request

The following are the best commercial varieties:

Apollo. Bright scarlet; free, early forcer.

Empress of India. Salmon rose; a fine late variety.

De Schryveriana. Similar to Vervæneana, smaller flowers; late.

Emperor of Brazil. Double, soft rose, white margin; late.

Jean Peeters. Very brilliant, dark red; double; early forcer.

John Llewelyn. Double, soft rose, white margin; late.

Mme. Petrick. Double, bright rose. Very early.

Mme. Jos. Vervæne. Like Vervæneana, but larger flowers.

Mme. Ernest Eckhaute. Double red; fine Christmas variety.

Mme. Romain de Smet. Pink, white border. The earliest forcer.

Mme. L. Van Houtte. Brilliant crimson; good, early forcer.

Mme. Van der Cruyssen. Crimson, semi-double; large flowering.

Niobe. Double; white, very fine, early variety.

Professor Wolters. Best single rose; free bloomer; large flowering.

Pharailde Mathilde. Early, double white.

Simon Mardner. Double; bright, velvety rose. Early.

Vervæneana. Double; rosy salmon, white margin. Early.

BAY TREES. Standard, Pyramidal and Bush. Prices on application.



Begonia, Mrs. J. A. Peterson

BEGONIAS.

Mrs. J. A. Peterson. Bronze foliage, like the Bronze Galax Leaf, with red flowers; makes a beautiful Christmas plant; holds its flowers better than any other Begonia, and sells better in New York than any other variety. May 15th delivery, and later.

	100	1000
2¼-inch pots.....	Doz. \$3.00	\$20.00 \$175.00

Gloire de Lorraine. For May and later delivery. Strong, healthy plants.

2¼-inch pots.....	Doz. \$2.00	15.00 135.00
3-inch pots, (August and later).....	Doz. \$3.50	22.50
4-inch pots, (September and later).....	Doz. \$4.50	30.00

Glory of Cincinnati.

2¼-inch.....	Doz. \$2.00	15.00 145.00
3-inch, (August and later).....	Doz. \$3.00	22.50
4-inch, (September and later).....	Doz. \$4.00	30.00

Glory of Chatelaine. (Everybody's Begonia.)

Easy to grow for any season; roots freely from cuttings, same as Vernon, can be grown in pots with no trouble; flowers as large as Lorraine, but will not drop its flowers as much, making a desirable house plant. Also a fine plant for bedding. Color same as Lorraine.

2¼-inch.....	5.00	45.00
3-inch.....	8.00	75.00
4-inch.....	12.00	
Rooted Cuttings.....	3.00	25.00

Melior.

2¼-inch.....	Doz. \$3.00	20.00
3-inch.....	Doz. \$4.00	30.00
4-inch.....	Doz. \$5.00	40.00

Florence Davenport. Prices same as Cincinnati (above).

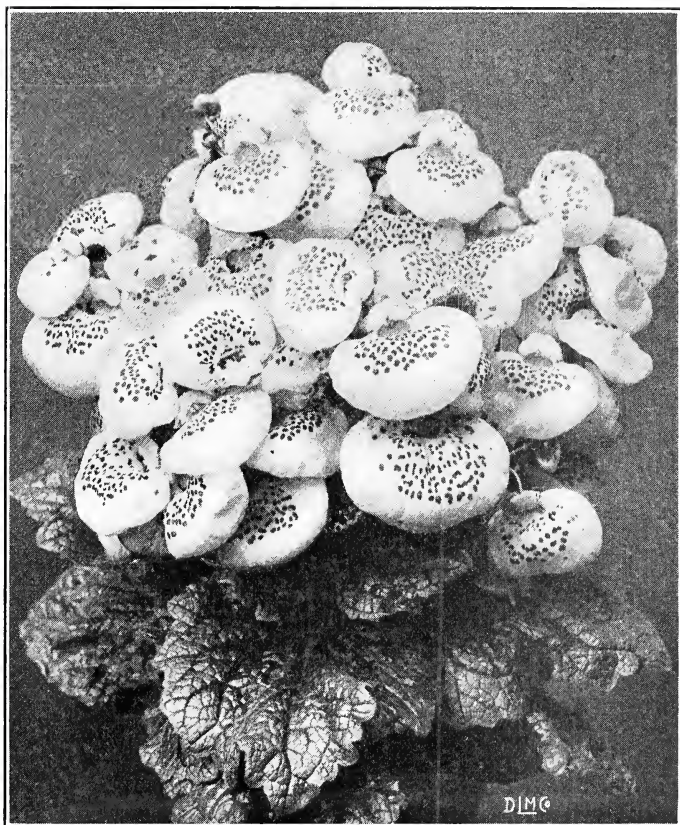
Rex Begonias. In best varieties.

2½-inch.....	6.00
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Begonias will be shipped in paper pots.

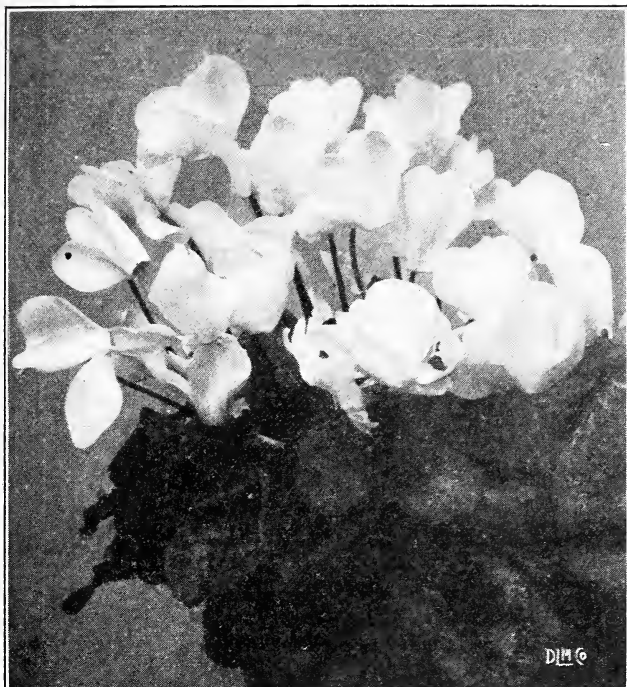
Begonias. Bedding varieties. See bedding plants.

BOUGAINVILLEA Sanderiana. May 1st delivery.			
100	1000		
2½-inch.....	\$7.00		
4-inch.....	25.00		
Fall delivery.			
4-inch.....	15.00		
5-inch.....	25.00		
BOUVARDIA. For Winter flowering. May delivery.			
Single, White, Pink and Red.			
2¼-inch.....	5.00	\$40.00	
BOXWOOD. Bush, Pyramidal and Globe-shaped.			
Prices on application.			
BUDDLEIA Asiatica.			
2¼-inch.....	Doz. 75c.	6.00	



Calceolaria

CALCEOLARIAS. Ready October 1st and later.			
From very finest English strain.			
100	1000		
2¼-inch.....	\$7.00	\$60.00	
3-inch.....	10.00		
CALENDULA, Orange King. Best variety for forcing.			
2¼-inch.....	4.00	35.00	
CANNAS. 3-inch pot plants. See under bedding plants.			
CHERRIES, JERUSALEM (See Solanum).			
CIBOTIUM Schiedeii. (Listed under FERNs.)			
CINERARIA Hybrida. Half dwarf, all colors.			
2¼-inch.....	3.00		
3-inch.....	6.00		
Stellata. 2¼-inch.....	3.50		
CROTONS. 2¼-inch, in fine assortment.....	8.00		



Cyclamen, Giant White

CYCLAMEN.

Cyclamen Seedlings. Ready now and until March. Giant flowering, from very best strain obtainable; these are twice transplanted and are sure of giving satisfaction. Early planting will make best plants for next Christmas. 100 1000

Seedlings.

Bright Christmas Red and Dark Glowing Red.	\$3.50	\$30.00
Bright Pink and Rose	3.50	30.00
White with Red Eye	3.50	30.00
Pure White and Crimson	3.50	30.00
2½-inch pots, ready March to May.....	7.50	60.00
3-inch pots, (ready May to December).....	10.00	90.00
4-inch pots, (ready July to Dec.).....	Doz. \$2.00	15.00
4-inch pots, (Selected).....	18.00	
Larger sizes. Prices on application.		
Wonder of Wandsbek. 2¼-inch.....	8.00	
Wonder of Wandsbek. 3-inch.....	12.00	
Wonder of Wandsbek. 4-inch.....	20.00	
Wonder of Wandsbek Seedlings.....	4.50	40.00

DAISIES.**Boston Yellow.**

Rooted Cuttings.....	4.00	35.00
2¼-inch pots.....	7.00	60.00

Mrs. F. Sanders. Double White.

Rooted Cuttings.....	1.50	12.50
2½-inch pots.....	3.00	27.50
3-inch pots.....	7.00	

Giant White. Single. (For Cutting.)

Rooted Cuttings.....	2.00	17.50
2½-inch pots.....	3.00	27.50

Daisy Giant White. Single. Best dwarf pot plant variety.

2¼-inch pots.....	5.00	
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DRACÆNA.

Terminalis. 2¼-inch.....	10.00	90.00
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Indivisa. (See Bedding plants.)

Dracæna Canes. In all varieties. Prices on application.

FERNS.

Verona. The best crested Fern resembling <i>Smithii</i> , compact grower, with stiff fronds that will stand up. Makes excellent plant for ferneries, 100 pot plants and cut fronds.			
2-inch.....	\$8.00	\$75.00	
2¼-inch.....	10.00		
3-inch.....	15.00		
4-inch.....	25.00		
Teddy Jr. 2¼-inch.....	Doz. \$1.00	6.00	50.00
Roosevelt. 2½-inch.....		5.00	40.00
Whitmani Compacta. 2½-inch.....		5.00	40.00
Boston. 2½-inch.....		4.00	35.00
Boston. Ready May and June. 3-inch.....		8.00	
Boston. Ready May and June. 4-inch.....		15.00	
Scottii. 2½-inch.....		5.00	45.00
Piersonii. 2½-inch.....		4.00	35.00
Scholzeli. 2½-inch.....		5.00	40.00
Superbissima. 2¼-inch.....		6.00	
Exaltata. The old original Sword Fern. 2¼-inch.....		4.00	35.00
Splendida. The Big Four Fern. 2¼-inch.....		4.00	35.00
John Wanamaker. 2¼-inch.....		6.00	55.00
Goodii. 2¼-inch.....		5.50	50.00
Smithii. 2¼-inch.....		8.00	
Muscosa. 3½-inch.....		25.00	
Elegantissima Improved. 2¼-inch.....		6.00	50.00
Elegantissima Compacta. 2¼-inch.....		6.00	50.00
Bird's Nest Ferns in all sizes. Write for prices.			

Prices on larger sizes of above on application.



Adiantum Croweanum

ADIANTUM.

Croweanum. Hardest Adiantum grown. Fine for cut fronds and pot plants.			
3-inch.....	Each 20c., doz. \$2.00	\$12.00	\$75.00
Cuneatum. 2¼-inch.....		4.00	
Farleyense Gloriosa. Strongest, prettiest and most early grown of the fancy Adiantums.			
Strong 2¼-inch.....	Doz. \$2.00	15.00	
Strong 3-inch.....	Doz. \$4.00	30.00	
Seedlings. In assortment of eight varieties, undivided clumps ready for potting.....		1.75	15.00

CIBIDIUM.

Schiedei. 2¼-inch pots and larger sizes. Prices on application.	
Schiedei Seedlings. \$10.00 per flat, containing about 200 seedlings.	

BIRD'S-NEST FERN. Seedlings. \$7.00 per flat, containing about 200 seedlings.

FERN BALLS. 5-6 inches and 7-9 inches. Price on application.



Pteris Wilsoni



Cyrtomium Falcatum

BEST SIX TABLE FERNS

Will start shipping them April 1st. My flats contain 150 clumps each. These clumps can be divided. I ship them out of flats if wanted. This insures them shipping safely and saves express charges.

TABLE FERN SEEDLINGS IN AND OUT OF FLATS

ASPIDIUM Tsussimense

CYRTOMIUM Falcatum

(Holly)

ROCHFORDIANUM

PTERIS Argyrea

PTERIS Albo-Lineata

PTERIS Mayii

PTERIS Victoria

PTERIS Magnifica

PTERIS Serrulata

PTERIS Tremula

PTERIS Wilsoni

PTERIS Wimsetti

PTERIS Adiantoides

PTERIS Hastata

POLYSTICHUM Setosum

1 Flat in best six varieties,
\$2.00 per flat.

5 Flats in any varieties
wanted, \$1.90 per flat.

10 Flats in any varieties
wanted, \$1.85 per flat.

25 Flats or more, in any varieties
wanted, \$1.75 per flat.

FERNS FOR JARDINIERES

Well grown plants, ready for
use, in all varieties.

	100
2¼-inch.....	\$3.50
3-inch.....	8.00
4-inch.....	15.00



Pteris Cretica Albo-Lineata



Aspidium Tsussimense



Pteris Wimsetti



Pteris Serrulata

FORGET-ME-NOT. Giant blue, Winter-blooming 100 1000
variety. The best in the market. Should be
planted from 2- or 2¼-inch pots, about June 1st;
will start to bloom about November 1st, and
through the Winter months. Grown from cuttings
of the best strains obtainable. 2¼-inch pots....\$5.00 \$45.00

MYOSOTIS. See under bedding plants.

GARDENIAS.

2¼-inch.....Doz. \$1.50 10.00 75.00
3-inch, extra selected.....Doz. \$2.00 15.00 130.00

GENISTA Canariensis.

2¼-inch.....Doz. 75c. 5.00 45.00
3-inch.....Doz. \$1.00 8.00 75.00
4-inch.....Doz. \$2.00 15.00

GREVILLEA Robusta (Silk Oak).

2¼-inch.....3.50

HIBISCUS (Chinese). In best varieties.

2¼-inch.....5.00

HYDRANGEA. Best French varieties.

Avalanche. White.

Bouquet Rose. Rosy amber.

E. G. Hill. Best pink.

General de Vibray. Bright rose.

Mme. Renee Gaillard. Very large; milky white.

Mme. Maurice Hamar. A delicate flesh rose
color; very large.

Souvenir de Mme. E. Chautard. Bright rose-
colored flowers.

La Lorraine. Bright pink.

Mont Rose. Flesh rose.

Mousseline. Best blue.

Mme. E. Mculliere. Best white.

2¼-inch.....Doz. 60c. 4.00

3-inch.....Doz. \$1.00 6.00

Radiant. Rose carmine. 2¼-inch....Doz. \$1.50 10.00

Arborescens alba. One of the best varieties to
force for Decoration Day. It is very hardy.

Field plants for planting out, 8 to 10 inches high.. 4.50 40.00

Field plants selected.....Doz. \$1.25 8.00 75.00

Field plants, extra selected.....Doz. \$1.50 10.00 90.00

Otaksa. 2¼-inch.....4.00 35.00

Field plants and 4- to 6-inch pot-grown, ready in
the Fall. Price on application.

JERUSALEM CHERRIES. 2¼-inch pots.....3.00 25.00

JERUSALEM CHERRIES. New variety. See Sola-
num Melvinii.

LANTANAS (Dwarf). In best varieties, 2-inch pots.. 3.00

LANTANAS (Weeping). 2¼-inch.....3.00

LEMON PONDEROSA.

2¼-inch.....Doz. 75c. 4.50

4-inch.....Each 50c., per doz. \$5.00

LEMON VERBENAS. 2½-inch.....3.00

NEPHROLEPIS (See Ferns).

ORCHIDS

From April 1st to June 1st. Size of cases, 32x32x30. Each case
containing 40 plants.

	Case
Cattleya Trianae. 10-12 bulbs.....	\$45.00
Cattleya Labiata. 6-8 bulbs.....	60.00
Cattleya Gigas. 10-12 bulbs.....	60.00
Cattleya Mossiae. 10-12 bulbs.....	50.00
Cattleya Percivaliana. 10-12 bulbs.....	45.00
Cattleya Gaskelliana. 10-12 bulbs.....	50.00
Cattleya Harrisoniae. 10-12 bulbs.....	50.00
Cattleya Dowiana. 10-12 bulbs.....	3.50

Oncidium Varicosum......\$100.00 and \$150.00 per 100

Oncidium Splendidum..... 100.00 and 150.00 per 100

Dendrobium Formosum..... 100.00 and 125.00 per 100

Laelia Anceps......Doz. \$24.00

Laelia Autumnalis......Doz. \$24.00

Odonto Citrosomum. \$18.00 and \$24.00 per doz.

Can take orders for dozen or half dozen of any va-
riety at case price, if 40 plants are ordered.

Price per doz. assorted or any variety wanted
\$18.00 per doz.



Pelargoniums

PALMS. In all varieties and sizes. Also 2¼-inch to grow on. Prices on application.

PELARGONIUMS (Easter Greeting Varieties). Plant Pelargoniums if you want something to pay you better than Geraniums. They are getting more popular every year for bedding, and as a pot plant for Easter they are hard to beat. You should have 2-inch pots about August 15th to October 15th to make good 4- or 5-inch pots for Easter. The following are the best varieties. Cultural directions on application.

Swabian Maid	Lucy Becker	German Glory	100 - 1000
Wurtembergia	Easter Greeting	Graf Zeppelin	
2-inch ready now and all through the season.			
		Doz.	\$1.50 \$8.00 \$75.00

PEPPER, Bird's Eye. A desirable Christmas pot plant. It has small, bright red berries that cover the top of the plant.

2¼-inch pot, ready about May 1st. 3.50 30.00

PETUNIAS. See Bedding plants.



Poinsettia with Boston Fern

POINSETTIAS. Extra fine stock, well-grown, stocky 100 1000
plants of the best Christmas Red variety. Ready
1st of June and later, shipped in paper pots.
2¼-inch pots.....\$6.00 \$55.00
3-inch pots (August and later)..... 8.00
4-inch pots (November 1st and later).....15.00
Stock Plants. Prices on application.

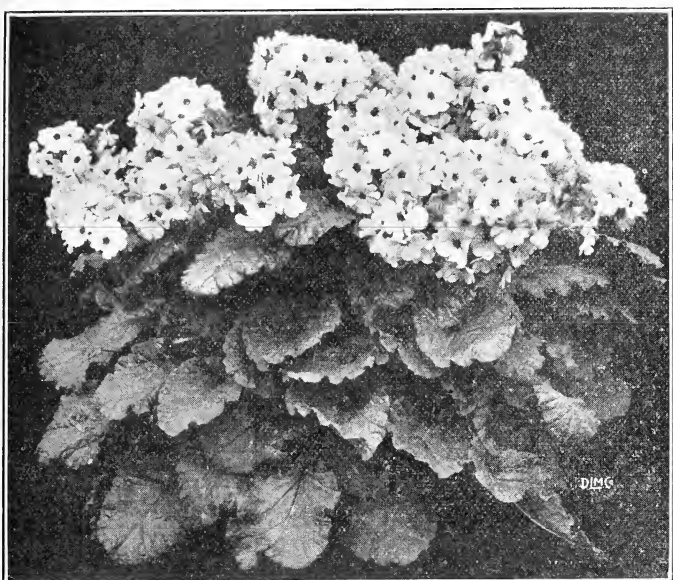
PRIMULA Obconica Gigantea (Giant flowering).

"Arends," Ronsdorfer Hybrids. Finest
strain obtainable.....

Apple Blossom.....	2¼-inch Pots
Salmon (New).....	\$3.50 per 100
Rosea.....	\$30.00 per 1000
Kermesina Red.....	
Lilac.....	3-inch Pots
Blue.....	\$7.00 per 100
Crispa. Mixed colors; dwarf in habit, with ruffled flowers.....	\$60.00 per 1000
Oculata. Mixed colors, with eye.....	
Compacta. Mixed colors; dwarf; fine for pots.....	
Mixed. In all color.....	

PRIMULA CHINENSIS. Grown from the finest strain
of seed obtainable. Ready for delivery from June
to September.

Christmas Red. 2¼-inch.....	3.50	30.00
Morning Dawn. Shell pink. 2¼-inch.....	3.50	30.00
La Duchesse. Flesh color, white center. 2¼-inch.....	3.50	30.00
Rosea. Bright pink. 2¼-inch.....	3.50	30.00
Other Colors. 2¼-inch.....	3.50	30.00
All Colors Mixed. 2¼-inch.....	3.00	27.50
3-inch pots of above varieties.....	7.00	



Primula Obconica, (See page 16)

PRIMULA.

Malacoides.	100	1000
2¼-inch.....	\$3.50	
3-inch pots.....	6.00	

Kewensis (Yellow).

2¼-inch pots.....	3.50	
3-inch pots.....	6.00	

Veris Superba. Best hardy Primrose grown.

2¼-inch pots.....	5.00	
3-inch pots.....	8.00	

Elator (Sim's Hybrid Yellow Polyanthus). Fine for cut flowers and pot plants for Easter. They bloom from December to May.

2¼-inch pots.....	5.00	\$40.00
3-inch pots.....	10.00	90.00

SANSEVIERA Zeylanica. 2¼-inch pots. Doz. 75c. 4.00**SELAGINELLA Emilla.** Fine for table dishes.

2¼-inch.....	3.00	
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SMILAX.

2¼-inch pots.....	3.00	25.00
3-inch pots.....	5.00	

SNAPDRAGON. See *Antirrhinum*.**SOLANUM Melvinii.** An improvement on the old Cherry. Has a sharp pointed berry of better color and sets heavy amount of berries.

2¼-inch.....	3.50	30.00
3-inch.....	5.00	45.00

STEVIA, Double or Single. Medium in height.

2-inch.....	3.00	25.00
2½-inch.....	3.50	30.00
Rooted Cuttings. Prices on application.		

SWAINSONA, Mrs. Joseph Manda. (New.) A beautiful new Cattleya Orchid-colored Swainsona. Very free, producing larger spikes of flowers than the old variety. 2¼-inch pots..... Each 25c.

Alba. 2¼-inch pots.....	Doz. 60c.	4.00
Red. 2¼-inch pots.....	Doz. 60c.	4.00

VIOLET PLANTS. Ready July and later.**Marie Louise, Princess of Wales, Gov. Herrick.** 2¼-inch pots, and field grown. Prices on application.

BEDDING PLANTS

ACALYPHA.

Sanderi (Chenille plant).

Macafeana. 2¼-inch, 50c. per doz., \$3.50 per 100, \$30.00 per 1000; 3-inch, 75c. per doz., \$6.00 per 100, \$50.00 per 1000.

ACHRYANTHES.

Biemuelleri. Light red, shading darker red at edge of the foliage. Medium height.

Brilliantissima. Light red; very brilliant. Dwarf, compact grower.

Formosa. Yellow in color; tall growth.

Lindenii. Clear, dark red foliage; tall-growing plant.

Panache de Bailey. Dwarf, yellow; duplicate in growth of Brilliantissima.

	100	1000
Rooted Cuttings. \$1.50 per 100, postpaid.....		\$12.00
2¼-inch.....	\$3.00	25.00
3-inch.....	7.00	60.00

AGERATUM.

***Fraserii**
Inimitable

Dwarf White
Little Gem

***Stella Gurney**
Blue Perfection

	100	1000
2-inch.....	\$3.00	\$25.00
2½-inch.....	3.50	30.00
3-inch.....	7.00	

Can furnish Rooted Cuttings of varieties marked with (*) at \$1.25 per 100, \$12.00 per 1000.

ALOYSIA Citriodora (Lemon Verbena). See **Lemon Verbena**.

ALTERNANTHERA.

Aurea Nana. The best yellow variety.

Brilliantissima. Broad leaf, red in color; very bright.

Jewel. Bright colored and strong growing; red, shading to crimson.

Paronychioides. A dwarf-growing variety. Red and crimson.

Versicolor. Olive, crimson and chocolate.

	100	1000
Rooted Cuttings.....	1.25	10.00
2¼-inch pots.....	3.00	25.00

ALYSSUM, Double.

2-inch.....	3.00	25.00
2½-inch.....	3.50	30.00

AMARANTUS Tricolor.

2-inch or 2¼-inch.....	3.00	25.00
4-inch.....	Doz. \$1.25	9.00

ANTIRRHINUM. Also see under greenhouse plants.

Dwarf or Tom Thumb varieties.

2-inch or 2¼-inch.....	3.00	25.00
4-inch.....	Doz. \$1.25	9.00

ASTER PLANTS. Transplanted. Prices on application.

BEGONIAS.

Erfordia
Luminosa
Vernon

Semperflorens (Pink)
" (White)
Prima Donna

	100	1000
2¼-inch.....	\$3.00	\$27.50
2½-inch.....	4.00	30.00
3-inch.....	6.00	50.00

Rex. See Greenhouse plants.

BEGONIAS. In all other flowering varieties. Write for prices.

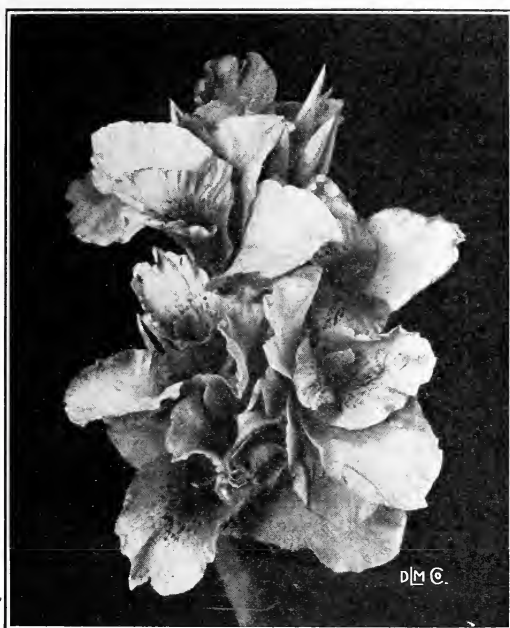
Lorraine and Cinninati. See Greenhouse plants.

BELLIS, DAISIES, Giant Double White and Pink.

Strong plants..... 4.00

CALADIUM Esculentum (Elephant's Ear).

5-inch pots. May delivery..... Doz. \$2.00 15.00.



Canna, King Humbert

CANNAS. From 3-inch pots for Spring delivery.	100	1000
King Humbert.....	\$5.00	\$40.00
Rose Gigantea.....	7.50	65.00
Wm. Saunders.....	7.50	65.00
Mrs. Alfred Conard.....	Doz. \$1.50	7.00
Fire Bird.....	Doz. \$4.00	18.00

The following at \$4.00 per 100, \$35.00 per 1000

A. Bouvier	J. Tissot	Pres. Meyers
Flor. Vaughan	Louisiana	Queen Charlotte
Fournier	Mme. Crozy	Rubin
Gladiator	Gustav Gumpfer	Richard Wallace
J. D. Eisele	Maros, The best white	Souv. de A. Crozy
Venus (Rosy pink)	Mrs. Kate Gray	Wyoming
	Uncle Sam	

CELOSIA.

Cristata (Cockscomb). Glasgow Prize.
Plumosa Thompsoni.

	100	1000
2-inch or 2¼-inch.....	\$3.00	\$25.00
4-inch.....	Doz. \$1.25...	9.00

CENTAUREA Gymnocarpa (Dusty Miller). 2¼-inch 3.00 25.00

COLEUS, Defiance. (Novelty) Very fine Poinsettia-color with a gilt edge. 2¼ inch....\$1.50 per doz. 10.00

COLEUS, Popular Varieties.

Golden Bedder	Verschaffeltii	Queen Victoria
Fire Brand	Butterfly	Beckwith Gem
	Salvador	

	100	1000
Rooted Cuttings.....	\$1.00	\$8.00

Fancy Varieties.**Brilliancy.**

Rooted Cuttings.....	1.50	12.00
2½-inch.....	5.00	40.00

Joseph's Coat

Queen of the Mist

Beauty of Lyon

Messey

Beauty of Caroline

Pink Verschaffeltii

Cut Leaf

American Beauty

Anna Pfister

John Pfister

Duineria

Trailing Queen (Pink and Yellow)

	100	1000
Rooted Cuttings.....	\$1.00	\$8.00

Mixed.

Rooted Cuttings.....	.85	7.50
2-inch.....	2.50	22.50

CUPHEA Platycentra (Cigar Plant).	100	1000
Rooted Cuttings.....	\$1.50	\$12.00
2¼-inch pots.....	Doz. 50c.	3.50 30.00
3-inch pots.....	Doz. 75c.	5.00 45.00

DAHLIAS FOR CUT FLOWERS

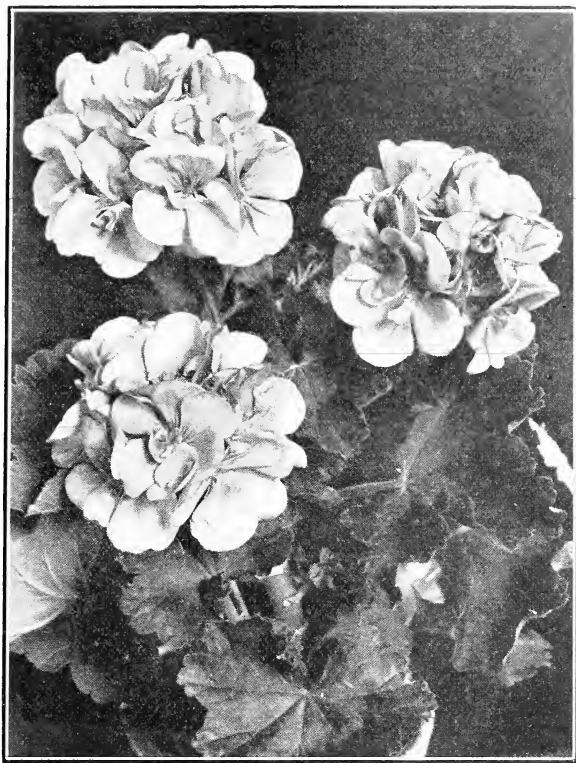
(Best Varieties for Florists' Use)

2-inch ready May 1st to 15th for outside planting.

	100
A. D. Livoni (Show). Rich seashell pink.....	\$4.00
Beloit (Decor). Large, bright glowing crimson, very fine...	10.00
Bertha von Suttner (Peony). Blush rose, with salmon tint.	30.00
Berch von Heemstede (1914) (Decor). Pure yellow, free flowering.....	25.00
Black Beauty (Decor). Rich black velvety maroon.....	4.00
Chas. Lanier (Show). Yellow amber, shaded buff.....	4.00
Chatenay (1914) (Peony). Similar to rose of this name.....	10.00
Countess of Lonsdale (Cactus). Rich salmon.....	4.00
Cuban Giant (Show). Dark glowing crimson, shaded maroon.	10.00
Delice (Decor). Beautiful glowing rose pink, very fine.....	4.00
Dorothy Peacock (Show). Large clear bright pink, very fine.	4.00
Flora (Cactus). Free flowering, pure white.....	4.00
Golden Gate (H. Cactus). Deep golden yellow, very large..	15.00
Henry Patrick (Decor). Large pure white.....	4.00
Hon. R. L. Borden (Peony). Large, distinct, rich golden bronze.....	7.00
Jack's Discovery (Decor). White, mottled violet rose.....	7.00
Jean Charmant (Decor). Pink, lilac at edges.....	6.00
J. H. Jackson (Cactus). Brilliant crimson maroon.....	4.00
Juliet (Cactus). Rose pink tinted, shading to white in center.	4.00
Kalif (Colossal) (Cactus). Best red to date.....	20.00
Lawine (Cactus). White, showing blush as flower matures.	6.00
Le Grand Manitou (Decor). Gigantic blooms striped with deep reddish violet on white ground.....	6.00
Master Carl (Cactus). Large, clear yellow salmon.....	4.00
Miss Minnie McCullough (Decor). Soft yellow, overlaid with bronze.....	5.00
Mrs. Chas. L. Seybold (Peony). Distinct, bright crimson pink.....	6.00
Mrs. Clinton (Cactus). Deep amber, gradually shading to rosy scarlet.....	4.00
Princess Juliana (1911) (Decor). Pure white, free-flowering.	20.00
Prof. Mansfield (Decor). Rich yellow, clear white tips, rosy red.....	5.00
Queen of Hearts (Cactus). White, shaded yellow in center.	6.00
Red Hussar (Show). Dazzling crimson, free bloomer.....	4.00
Souv. de Gus. Doazon (Decor). Crimson red, blooms immense size.....	5.00
Standard Bearer (Cactus). Fiery red.....	4.00
Thos. Parkin (Cactus). Bright terra cotta.....	6.00
Tricolor (Decor). Buttercup Yellow, with a blotch of scarlet on each petal.....	5.00
Wm. Agnew (Decor). Orange scarlet, best red.....	4.00
Wm. Pierce (Show). Delicate shell pink.....	4.00
W. W. Rawson (Show). White, overlaid with lavender....	6.00
Yellow Duke (Decor). Pure canary yellow.....	5.00
Yellow Le Colosse (Decor). Large, double flower of brightest yellow.....	5.00

DRACÆNA Indivisa. 2¼-inch, \$3.50 per 100; 3-inch, \$7.50 per 100; 4-inch, \$15.00 per 100; 5-inch, \$25.00 per 100; strong, 6-inch, \$5.00 per doz., \$40.00 per 100; strong, transplanted seedlings, \$2.50 per 100, \$20.00 per 1000.

ECHEVERIAS. Prices on application.



Geranium Poitevine

FUCHSIAS. In best dwarf varieties.Phenomenal
Lord ByronMinnesota
White Beauty
Elm CityDuchess of Albany
Black Prince

and other best varieties.

	100	1000
Rooted Cuttings.....	\$1.50	\$12.00
2-inch pots.....	3.00	25.00
2½-inch pots.....	4.00	35.00
3-inch pots.....	5.00	45.00

Little Beauty.

Rooted Cuttings.....	2.00	15.00
2¼-inch pots.....	4.00	35.00
2½-inch pots.....	5.00	45.00
3-inch pots.....	6.00	55.00

GERANIUMS.S. A. Nutt
PoitevineBuchner
RicardDoyle
Jeanne OberleHelen Michell
Mad. Salleri

	100	1000
Strong, 2¼-inch plants.....	\$3.00	\$25.00

All other varieties. Price on application.

Sweet Scented. 2¼-inch.

Balm Scented.....Doz. 50c. 3.50

Lemon Scented.....Doz. 50c. 3.50

Nutmeg Scented.....Doz. 50c. 3.50

Rose Scented. Both in broad and cut leaf varieties.....Doz. 60c. 4.00

Ivy Leaved. 2¼-inch, assorted varieties.....Doz. 50c. 3.50 30.00

HARDY PERENNIALS

I can furnish you with pot-grown plants from 3 and 4-inch pots, well grown, in almost any variety. Prices on application.

HELIOTROPE. Dark purple, old fashioned.	100	1000
2-inch.....	\$3.00	\$25.00
2½-inch.....	4.00	35.00
Centefleur.		
2-inch.....	3.00	25.00
2½-inch.....	4.00	35.00
3-inch.....	5.00	45.00
Elizabeth Dennison. The finest Heliotrope grown, very fragrant. An improvement on Centefleur.		
2-inch.....	4.00	35.00
2½-inch.....	4.50	40.00
3-inch.....	5.00	45.00
Tree or Standard. \$1.00, \$1.50 and \$2.00 each.		
ICE PLANT, Mesembryanthemum. 2¼-inch.....	3.00	25.00
IMPATIENS Sultani. 2¼-inch pots.....	3.00	
IPOMŒA (Moonflower).		
Noctiflora alba.		
2¼-inch.....	Doz. 50c.	3.00
3-inch.....	Doz. 75c.	6.00
IRIS. See under Bulbs and Roots.		
IVY, Hardy English.		
Rooted Cuttings.....	1.25	10.00
2-inch.....	3.00	25.00
2½-inch.....	4.00	35.00
Strong, 4-inch.....	\$12.00 and	15.00
German.		
Rooted Cuttings.....	1.25	10.00
2½-inch.....	3.00	25.00
3-inch.....	4.50	
JASMINE, Grand Duke. 2½-inch.....	Doz. \$1.00	6.00
KUDZU VINE. 2¼-inch.....	Doz. \$1.00	5.00
LANTANA. See Greenhouse plants.		
LOBELIA, Crystal Palace Gem. 2-inch.....	2.50	22.50
MARIGOLD, Little Brownie.		
2 to 2¼-inch.....	3.00	25.00
4-inch.....	Doz. \$1.25	9.00
MOONFLOWER. See Ipomœa.		
MYOSOTIS.		
Alpestris Victoria and Palustris Semperflorens. Trans- planted, frame grown, \$2.50 per 100, \$22.50 per 1000; 2¼-inch pots, \$3.00 per 100.		
MYRTLE (Myrtis Communis). The old-fashioned Myrtle, grown as a house pot plant, 2¼-inch \$7.00 per 100; strong, 4-inch, \$17.50 per 100.		
Crape, Hardy. Used for covering graves, etc. Strong clumps ready June 1st to 15th, \$7.50 per 100.		
NIEREMBERGIA. Light blue; one of the prettiest and most effective plants for vases, window boxes, hanging boxes and so forth. Every florist can use it.		
	100	1000
2¼-inch pots, ready about March 1st and later....	\$4.50	\$35.00
3-inch pots, ready May 1st and later.....	7.00	60.00
OLEANDERS, Double Pink, Red and White.		
2¼-inch pots.....	5.00	
ORANGE, Otaheite.		
2¼-inch.....	4.00	
3-inch.....	Doz. \$1.00..	6.00
Strong, 4-inch pots.....	Doz. \$3.00..	
PANSY PLANTS. Large plants in bud and bloom, from one of the best strains in the country. Ready April 15th. \$2.00 per 100, \$15.00 per 1000.		
Pansy Seedlings in season. Prices on application.		
PELARGONIUMS. See Greenhouse plants.		
PEONIES in best varieties. Prices on application.		

PEPEROMIA Maculosa, or **Silver-Leaved Begonia**. 2¼-inch pots, 75c. per doz., \$4.00 per 100.

PETUNIA (Double).

White Dorothy , pure white	Victoria , pale pink
Edna , old rose	Pink Beauty , delicate pink
Jubilee , reddish purple	Murillo , lavender, purple-lined
blotched white	Ceres , deep salmon pink
Brightness , bright pink	Undine , reddish purple
Aspana , light pink, tinged gold	Rosy Morn , similar to Edna
Splendor , mauve pink, mottled white	Achille , rosy purple, blotched white
Mariana , rosy purple	Peerless , shell pink
Diadem , light pinkish purple	Violet Spray , violet
Gertrude , soft pink, mottled white	Bon Ton , shell pink, purple blotch

Admiration, reddish violet, var. white

	100	1000
2½-inch.....	\$4.00	\$35.00
3-inch.....	9.00	85.00

My selection at above prices; named varieties, your selection, \$1.00 per 100 additional.

PETUNIAS, Single , finest mixed.	100	1000
2¼-inch.....	\$3.00	\$25.00
Rooted Cuttings, double or single, finest mixed....		12.00
Rosy Morn and Howard's Star .		
2¼-inch.....	3.00	

PHLOX Drummondii. Large-flowering dwarf.

2 to 2¼-inch.....	3.00	25.00
4-inch.....	Doz. \$1.25	9.00

All other varieties. Prices on application.

SALVIA, Bonfire, Zurich, Splendens.

Rooted Cuttings.....	1.00	8.00
2-inch pots.....	2.50	22.50
2½-inch pots.....	3.00	25.00
3-inch pots.....	5.00	

SAXIFRAGA Sarmentosa. 2¼-inch pots..... 4.00

STEVIA. See Greenhouse plants.

STOCKS. Large-flowering, dwarf, 10 weeks, White.

2- or 2¼-inch.....	3.00	25.00
4-inch.....	Doz. \$1.25	9.00

TRADESCANTIA, or WANDERING JEW.

2¼-inch pots.....	3.00
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VERBENA, Mammoth. Mixed and in separate colors. Price on application.

VINCA. Bedding varieties.

Alba	Alba Pura	Rosea		
			100	1000
2¼-inch pots.....			\$3.00	\$25.00
3-inch pots.....			5.00	

Trailing varieties.

Vinca Major

Vinca Major Variegata

		100	1000
Rooted Cuttings.....	Postpaid	1.25	10.00
2-inch pots.....		3.00	25.00
2¼-inch pots.....		4.00	35.00
3-inch pots.....		7.00	60.00
4-inch pots.....		\$12.00 to	15.00

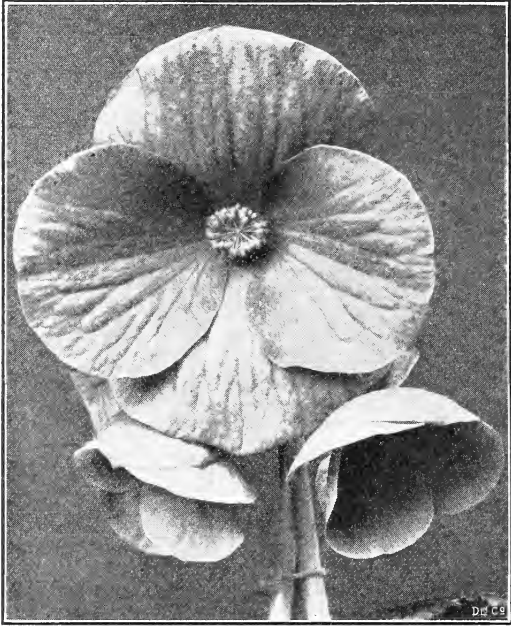
VINES. Hardy Climbers in all varieties. Prices on application.

ZINNIA, Improved Dwarf Double. 2- or 2¼-inch, \$3.00 per 100, \$25.00 per 1000; 4-inch, \$1.25 per doz., \$9.00 per 100.

On any plants not listed in this catalogue, I will be pleased to quote you prices. I am in touch with leading growers at all times, and know where to get best stock at right prices.

SPRING BULBS AND ROOTS

AMARYLLIS.	Doz.	100
Formossissima.....	\$0.75	\$5.00
Johnsoni.....	3.00	20.00
Regina.....	1.25	10.00
APIOS Tuberosa.	\$1.50 per 100, \$12.00 per 1000.	



Single Begonia

BEGONIAS.

Single Frilled (Crispa). This is a very pretty type of Single Begonia, the petals being heavily frilled on the edges. In separate colors and mixed. 65c. per doz., \$5.00 per 100, \$45.00 per 1000.

Single, Tuberous-rooted, large-flowering.

Crimson	Rose	Salmon
Scarlet	Light Pink	Orange
Pure White	Yellow	Copper
and all colors mixed.		

Large bulbs of above, 1¼-inch and upward, \$2.25 per 100, \$20.00 per 1000.

Mammoth bulbs of above, 1½-inch and upward, \$2.75 per 100, \$25.00 per 1000.

Double Flowering, Tuberous-rooted.

Crimson	Pure White	Copper Bronze
Scarlet	Light Pink	Salmon
Rose	Yellow	Orange
and all colors mixed.		

Large bulbs of above, 1¼-inch and upward, \$3.50 per 100, \$30.00 per 1000.

Mammoth bulbs of above, 1½-inch and upward, \$4.00 per 100, \$35.00 per 1000.

CALADIUM BULBS, *Caladium Esculentum* (Elephant's Ear),_a

Bulbs measuring 6 to 8 inches in circumference, 200 in a case, 25c. per doz., \$2.25 per 100, \$20.00 per 1000.

Bulbs measuring 8 to 10 inches in circumference, 100 in a case, 50c. per doz., \$3.50 per 100, \$30.00 per 1000.

Bulbs measuring 10 to 12 inches in circumference, 75 in a case, 75c. per doz., \$5.50 per 100, \$50.00 per 1000.

Bulbs measuring 12 to 13 inches in circumference, 50 in a case, \$1.00 per doz., \$8.00 per 100, \$75.00 per 1000.

Monster bulbs, measuring 13 inches and upward in circumference, 25 in a case, \$1.50 per doz., \$12.00 per 100.

Full cases at 1000 rate.

FANCY-LEAVED CALADIUM. A grand English collection, containing 20 varieties personally selected by me from over 100 sorts submitted by pressed leaves last Summer, from which I selected the cream. Extra fine bulbs in 20 varieties, \$2.25 per doz., \$15.00 per 100.

Brazilian Collection of 15 varieties, \$1.50 per doz., \$12.00 per 100.

Mixed Brazilian Varieties. \$1.25 per doz., \$10.00 per 100.

CINNAMON VINE. Large-sized bulbs, 40c. per doz., \$2.50 per 100, \$20.00 per 1000.

CALLAS, SPOTTED LEAF (*Richardia albo-maculata*). Very free, Summer blooming variety, \$3.50 per 100, \$30.00 per 1000.

Elliottiana. Best yellow, \$2.50 per doz., \$17.50 per 100.

CANNA ROOTS

My Cannas are packed 250 in a case, good, sound roots, divided two to three eyes, well packed, ready to ship by any express company direct. If wanted by freight, they go at the buyer's risk.

250 are sold at the 1000 rate.

	100	1000		100	1000
Allemannia.....	\$2.00	\$17.50	Johanna Kanz-		
Alphonse Bouvier.	3.00	25.00	leiter.....	\$2.00	\$17.50
Alsace.....	3.00	25.00	King Humbert....	4.00	35.00
America.....	2.00	17.50	Louise.....	2.50	20.00
Austria.....	3.00	25.00	Louisiana.....	3.00	25.00
Beauty of Poite-			Mad. Crozy.....	3.00	25.00
vine.....	2.50	22.50	Mephisto.....	2.00	17.50
Black Prince.....	3.00	27.50	Metecr.....	4.00	35.00
Brandywine.....	3.00	25.00	Mlle. Berat.....	2.00	17.50
Chas. Henderson.	3.00	25.00	Mont Blanc Imp..	4.00	35.00
Cherokee.....	2.00	17.50	Mrs. A. Conard...	5.00	
Crimson Bedder..	3.00	25.00	Mrs. C. Kelsey...	3.00	25.00
David Harum....	3.00	25.00	Mrs. Kate Deemer	3.00	25.00
Dr. Ackernecht...	3.00	27.50	Mrs. Kate Gray...	2.00	17.50
Dr. Bridingen....	3.00	25.00	Musafolia.....	3.00	25.00
Duke of Marlbor-			Panama.....	6.00	50.00
ough.....	3.50	30.00	Pennsylvania.....	2.00	17.50
Duke of York....	3.00	25.00	Pillar of Fire....	3.00	25.00
Egandale.....	3.00	25.00	Pres. Cleveland...	2.50	22.50
Express.....	3.00	27.50	Pres. McKinley...	2.50	22.50
Fire Bird.....	20.00		Pres. Meyer.....	3.00	25.00
Flamingo.....	3.00	25.00	Prince Wied.....	3.00	25.00
Florence Vaughan	3.00	25.00	Queen Charlotte.	3.00	25.00
Gen. Merkel.....	3.00	25.00	Richard Wallace..	3.00	25.00
Gladiator.....	2.00	17.50	Robusta.....	3.00	25.00
Gladioflora.....	3.00	25.00	Rosea Gigantea...	6.00	
Grand Chancellor			Shenandoah.....	3.00	25.00
Bulow.....	2.00	17.50	Souv. de A. Crozy.	2.50	20.00
Hungaria.....	3.50	30.00	Tarrytown.....	2.50	20.00
Indiana.....	2.00	17.50	Venus.....	3.00	25.00
Italia.....	2.00	17.50	Wm. Sanders	3.50	30.00
J. D. Eisele.....	2.00	17.50	Wyoming.....	3.00	25.00
Jean Tissot.....	2.50	20.00			

CLEMATIS Paniculata. 75c. per doz., \$6.00 per 100.

CRINUM Ornatum. Pure white. \$1.50 per doz., \$12.00 per 100.

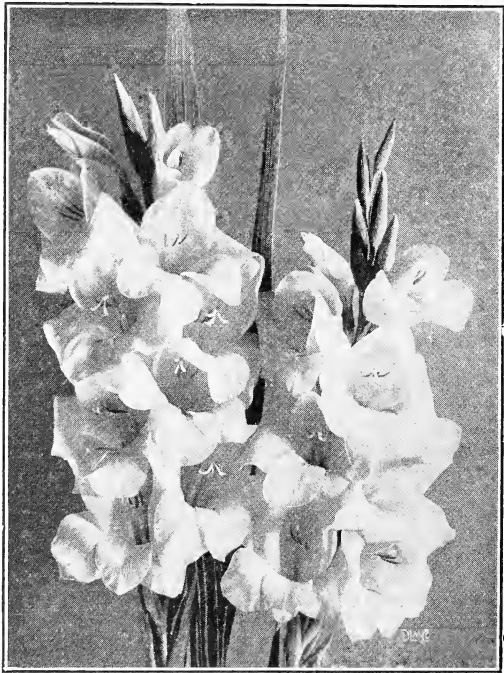
DAHLIA ROOTS. Best for florists' use in all commercial varieties. **Cactus, Show and Pompons** at market prices. See 2-inch pot plants under Bedding Plants.

DIELYTRA Spectabilis (Bleeding Heart). Field-grown. 75c. per doz., \$6.00 per 100, \$50.00 per 1000.

FREESIA PURITY, Fisher's Strain. California grown, extra fine bulbs, well graded, grown by one of the best growers in California. July 15th delivery.

	100	1000	5,000 lots	10,000 lots
5/8 to 3/4-inch.....	\$1.50	\$12.00	\$10.00 per M	\$9.00 per M
Mammoth 3/4 -inch and up.....	2.00	17.50	16.00 per M	15.00 per M
Extra Selected Mam- moth Bulbs.....	2.75	25.00	22.50 per M	

FUNKIA Variegated. Strong roots, \$5.00 per 100, \$45.00 per 1000.



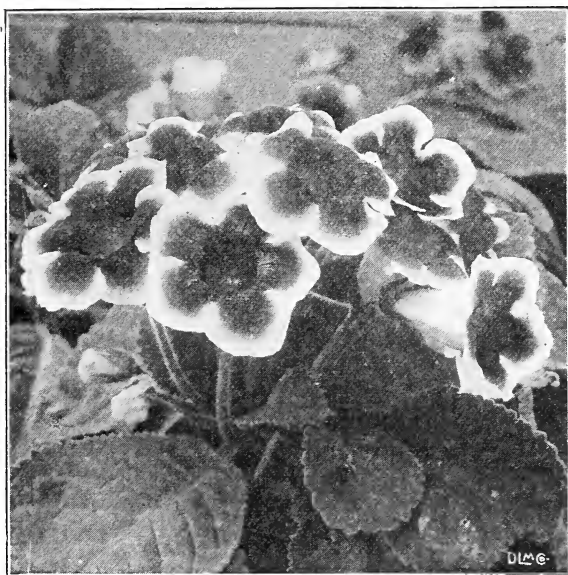
Gladiolus, America

GLADIOLUS BULBS. Best Long Island-grown bulbs. My bulbs are grown by the largest grower in the country and will surely give satisfaction.

	100	1000
America. Largest size bulbs; large flower, flesh pink; beautiful.....	\$2.00	\$15.00
Augusta. Pure white with blue anthers.....	2.00	15.00
Baron Hulot. Finest purple.....	2.50	20.00
Brenchleyensis. Vermilion scarlet.....	1.50	12.00
Halley. Salmon.....	2.50	20.00
Mrs. Francis King. Light scarlet of pleasing shade.	2.00	15.00
Mrs. Frank Pendleton. Very fine pink.....	6.50	60.00
May. White, flaked rosy crimson.....	2.00	18.00
Niagara	4.00	35.00
Panama	3.50	30.00
Peace. Beautiful white, best forcing white variety, with large spikes.....	5.00	45.00
Princeps. Color rich crimson, with broad white blotches across the lower petals.....	3.50	30.00
Schwaben. One of the finest yellows for forcing...	4.00	35.00
Shakespeare. White, large, rosy blotch.....	4.00	35.00
Primulinus Hybrids	2.50	20.00
Wild Rose. Color very bright rose, exceedingly delicate and pretty. An excellent forcer.....	6.00	50.00

GLADIOLUS BULBS—Continued

Mixtures Under Separate Colors, G. Gandavensis. These are very choice, and absolutely true to color.	100	1000
Extra White and Light Varieties. Mixed. All first-class, best named sorts.....	\$2.50	\$20.00
White and Light Varieties. For forcing, mixed, superb.....	2.00	15.00
Pink. Fine pink and rose shades.....	2.00	15.00
Scarlet and Red. Extra fine scarlet and red....	1.50	12.00
Yellow and Orange Mixture	3.50	30.00
Popular Mixture. For retailing. This is composed of good sized bulbs, not all strictly first size, good range of colors.....	1.50	10.00



Gloxinia

GLOXINIA.

Erecta Grandiflora. This popular flowering plant is coming into greater vogue than ever, not only as a pot plant for house decoration, but also for cut flower purposes. My strains of Gloxinias are the true erect flowering type, grown by a specialist in Europe.

	Doz.	100	1000
Blanche de Vera. White, rose bordered.....	\$0.60	\$4.25	\$40.00
Defiance. Glittering crimson.....	.60	4.25	40.00
Emperor William. Blue, white border.....	.60	4.25	40.00
Etoile de Feu. Carmine red.....	.60	4.25	40.00
Kaiser Frederick. Scarlet, white margin....	.60	4.25	40.00
King of the Reds. Dark scarlet.....	.60	4.25	40.00
Madame Helene. White, with violet edge...	.60	4.25	40.00
Marquis de Peralta. White, red bordered..	.60	4.25	40.00
Mont Blanc. Snow white.....	.60	4.25	40.00
Prince Albert. Deep purple.....	.60	4.25	40.00
Princess Elizabeth. White, bordered blue..	.60	4.25	40.00
Prince Mathilde. White, with rose edge....	.60	4.25	40.00
Queen Wilhelmina. Dark rose.....	.60	4.25	40.00
Spotted Varieties. Containing most distinct colors.....	.60	4.25	40.00
All Colors Mixed.....	.50	3.75	35.00

IRIS.

Japanese Named Varieties. In best assortment. \$1.25 per doz., \$8.00 per 100, \$75.00 per 1000.

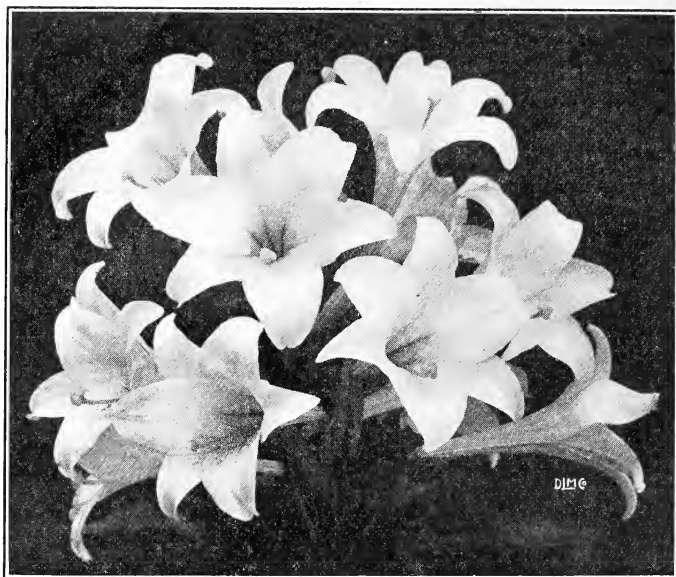
Double and Single Mixed. 60c. per doz., \$4.00 per 100, \$35.00 per 1000.

German. In best named varieties. Prices range from \$2.50 to \$10.00 per 100. Will furnish list on application.

All Colors Mixed. \$2.00 per 100, \$18.00 per 1000.

ISMENE Calathina Grandiflora. 75c. per doz., \$5.00 per 100, \$45.00 per 1000.

HYACINTHUS Candicans. \$1.50 per 100, \$12.00 per 1000.

**Lilium Giganteum**

LILIES, Cold Storage. For all seasons of the year. The best money can buy. Try them and convince yourself. No storage charges.

Lilium Giganteum.

Per case

7-9.	Packed 100 in a case	\$7.00
7-9.	Packed 200 in a case	13.50
7-9.	Packed 300 in a case	17.00
8-9.	Packed 250 in a case	19.00
8-10.	Packed 225 in a case	19.50
9-10.	Packed 100 in a case	12.00
9-10.	Packed 200 in a case	20.00
10-12.	Packed 150 in a case	21.00

Lilium Speciosum Rubrum.

8-9.	200 in case	14.00
9-11.	125 in case	14.00
9-11.	140 in case	16.00

Lilium Melpomene.

8-9.	200 in case	14.00
9-11.	125 in case	14.00
9-11.	140 in case	16.00

Lilium Magnificum.

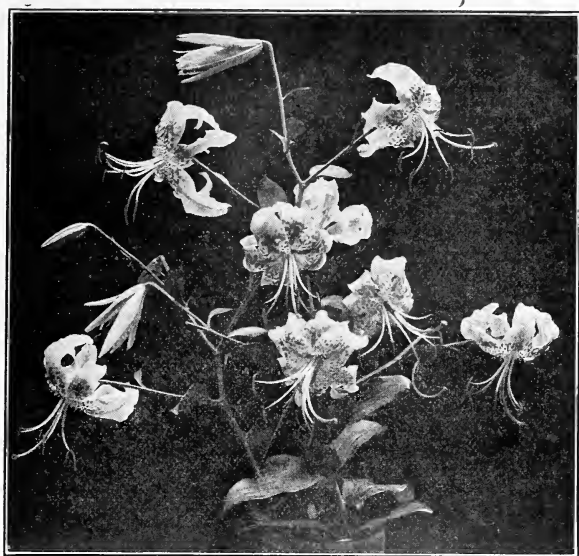
8-9.	200 in case	14.00
9-11.	125 in case	14.00
9-11.	140 in case	16.00

Lilium Speciosum album.

8-9.	Packed 200 in a case	17.50
9-11.	Packed 125 in a case	18.50

Planting Table for Cold Storage Lilium Giganteum

Planting Dates	Approximate Flowering Dates	Planting Dates	Approximate Flowering Dates
Jan. 1....	April 15 to 25	June 1..	Aug. 25 to Sept. 10
Jan. 15..	April 25 to May 5	June 15....	Sept. 10 to 25
Feb. 1.....	May 5 to 15	July 1..	Sept. 25 to Oct. 10
Feb. 15....	May 15 to 30	July 15....	Oct. 10 to 30
Mar. 1.....	June 1 to 10	Aug. 1.....	Nov. 1 to 15
Mar. 15....	June 10 to 30	Aug. 15....	Nov. 15 to 30
Apr. 1.....	July 1 to 15	Sept. 1.....	Dec. 1 to 15
Apr. 15....	July 15 to 30	Sept. 15....	Dec. 15 to 30
May 1.....	Aug. 1 to 10	Oct. 1.....	Jan. 1 to 15
May 15....	Aug. 10 to 25	Oct. 15....	Jan. 15 to 30

*Lillium speciosum rubrum*

LILIES, Hardy Native Varieties. For Spring planting, home grown bulbs in good selection. Prices on application.

For Fall delivery, 1917, in all sizes.

Lilium Formosum and Giganteum, Multiflorum, Jamesii, Harrisii and Hardy Speciosum Lilies.

Try my bulbs which are as good as money can buy, at market prices. Will be pleased to quote you on any quantity.

Chinese Sacred Lilies. Ready about August 15. Regular Grade and Mammoth Grade, at market prices. They come packed in mats, containing 120 bulbs in each.

MADEIRA VINES. Selected. 75c. per 100, \$15.00 per 1000.

MONTBRETIAS. Fine for cut flowers.

	Doz.	100	1000
California. New, bright golden yellow.....	\$0.40	\$2.50	\$20.00
Etoile de Feu. Scarlet vermilion.....	.25	1.50	12.00
Fire King. Brilliant red, fine for massing....	.40	2.50	20.00

SPIDER LILY (Pancratium)..... .90 6.00

SPIRÆA Gladstone. (Cold storage.) In case lots only, 50 in a case, \$5.50; 75 in a case, \$7.50; plus cold storage charges 25c. per case, to be added from Jan. 1st.

TUBEROSES.

Dwarf Pearl. 3-4 inches, 75c. per 100, \$5.00 per 1000; 4-6 inches, \$1.25 per 100, \$10.00 per 1000.

Armstrong Everblooming. \$1.50 per 100, \$12.00 per 1000.

FRENCH AND DUTCH BULBS. I can only furnish on import orders if placed by July 1st. Your orders will be filled by best growers in Europe—filled just as you order them, and shipped direct to you at market prices. Send me your list and I will quote you.

Choice Flower Seed Specialties for Florists

I only carry in stock the very best strains of seed that can be bought. Should you want anything not listed, I will gladly get what you want from the most reliable source at market prices, and send with your order.

AGERATUM.	Tr. pkt.	Oz.
Blue Perfection. Best dark blue bedder.....	\$0.15	\$0.75
Little Blue Star. Very dwarf, light blue with dark red center.....	.35	
Imperial Dwarf Blue and Dwarf White.....	.15	.35

ALYSSUM.			
Little Gem (Carpet of Snow).....	¼ lb. \$2.00	.15	.75
Maritimum (Sweet Alyssum). White, trailing....	¼ lb. 50c.	.15	.35

ASPARAGUS.			
Plumosus Nanus (Northern Greenhouse Grown). 500 seeds, \$2.00; 1000 seeds, \$3.50; 5000 seeds, \$15.00; 10,000 seeds, \$25.00.			
Sprengeri. 500 seeds, 60c.; 1000 seeds, \$1.00; 5000 seeds, \$3.75; 10,000 seeds, \$5.50.			
Hatcheri. 500 seeds, \$2.00; 1000 seeds, \$3.50; 5000 seeds, \$15.00.			

ASTERS

Very best strain of seed obtainable; grown in Oregon where the climate and soil are best adapted for them.

The best Asters shipped to New York Market last season were grown from this strain.

EARLY AND MID-EARLY VARIETIES.

Daybreak. Light pink. ⅛ oz. 30c., ¼ oz. 55c., ½ oz. \$1.00; oz. \$2.00.	
Purity. Snow white. ⅛ oz. 30c., ¼ oz. 55c., ½ oz. \$1.00, oz. \$2.00.	
Vick's Royal. Vigorous and productive grower. Pure white and shell pink. ⅛ oz. 40c., ¼ oz. 70c., ½ oz. \$1.25, oz. \$2.50.	
Lavender Gem. Best early lavender. ⅛ oz. 40c., ¼ oz. 70c. ½ oz. \$1.25, oz. \$2.50.	
Queen of the Market. Very scarce. Prices on application.	
White Fleece. ⅛ oz. 30c., ¼ oz. 55c., ½ oz. \$1.00, oz. \$2.00.	

LEADING MID-SEASON VARIETIES.

Improved Rochester (Comet Type).	⅛ oz.	¼ oz.	½ oz.	Oz.
White.....	\$0 40	\$0 70	\$1 25	\$2 50
Lavender Pink.....	40	70	1 25	2 50
Lavender.....	40	70	1 25	2 50
Purple.....	40	70	1 25	2 50

Hohenzollern (Comet Type).				
White.....	40	70	1 25	2 50
Rosy Lilac.....	40	70	1 25	2 50
Azure Blue.....	40	70	1 25	2 50

Astermum. Selected strain. White, Pink and Purple. ⅛ oz. 40c., ¼ oz. 70c., ½ oz. \$1.25, oz. \$2.50.

Triumph Comet. White and Shell Pink. ⅛ oz. 40c., ¼ oz. 70c., ½ oz. \$1.25, oz. \$2.50.

LATE VARIETIES.

Improved Giant Crego. White, Shell Pink, Rose Pink, Lavender and Purple. ⅛ oz. 45c., ¼ oz. 80c., ½ oz. \$1.50, oz. \$3.00.

Pacific Beauty. The finest late Lavender, Comet type. ⅛ oz. 60c., ¼ oz. \$1.10, ½ oz. \$2.00, oz. \$4.00.

Peerless Late Branching. The best of all Late Branching Asters, White, Shell Pink, Rose Pink, Purple and mixed. ⅛ oz. 45c., ¼ oz. 80c., ½ oz. \$1.50, oz. \$3.00.

Giant Crimson. The best crimson Aster grown. ⅛ oz. 25c., ¼ oz. 40c., ½ oz. 75c., oz. \$1.50.

BEGONIA.

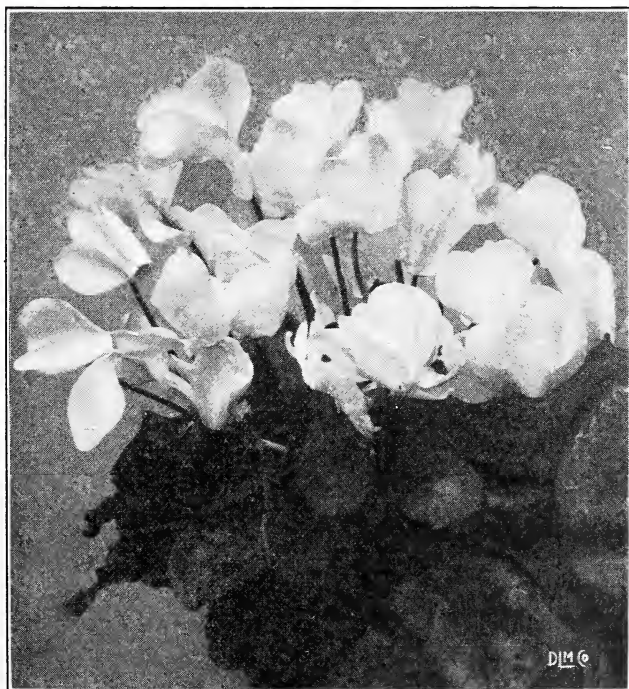
Vernon. Tr. pkt. 25c., 1-16 oz. 60c.	
Erfordia. Tr. pkt. 25c., 1-32 oz. \$1.00	
Luminosa (Red). Tr. pkt. 25c., 1-32 oz. \$1.00, 1-16 oz. \$2.00.	
Prima Donna. Tr. pkt. 25c., 1-32 oz. \$1.50, 1-16 oz. \$3.00.	
Semperflorens (White). Tr. pkt. 15c., 1-32 oz. 50c.	

BELLIS. See Daisies.

CALCEOLARIA.

Hybrida. Choicest mixed. Tr. pkt. 50c.	
Rugosa, Shrubby. Tr. pkt. 25c.	

		Tr. pkt.	Oz.
CALENDULA.			
Orange King (Dark orange). Best for cutting under glass, selected strain.....		\$0.15	\$0.50
CANDYTUFT.			
Giant Hyacinth-Flowered, or Empress. Extra selected stock, best white for cutting. ¼ lb. \$1.25, lb. \$4.00.....		.15	.35
Queen of Italy. Dwarf, compact, pink.....		.15	.50
Carmine. ¼ lb. 75c.....		.10	.25
Lilac......		.10	.25
Crimson. ¼ lb. 75c.....		.10	.25
CELOSIA Plumosa.			
Pride of Castle Gould.....		.25	
Thompsoni, Crimson			
Golden Yellow.....		.15	1.50
Mixed.....			
CENTAUREA.			
Gymnocarpa (Dusty Miller).....		.15	.75
Emperor William. Best true blue, double Cornflower for cutting.....		.10	.25
COBÆA Scandens (Blue).....		.15	.50
CINERARIA.			
		Tr. pkt.	6 pkts.
Hybrida Grandiflora. Dwarf hybrids, mixture of splendid colors.....		\$0.75	\$3.50
Semi-Dwarf Hybrids. In splendid colors. Mixed.....		.75	3.50
Stellata (Decorative). Fine cut flowers.....		.75	3.50
COSMOS.			
		Tr. pkt.	Oz.
Lady Lenox. Shell pink.....		\$0.15	\$0.50
Lady Lenox. Pure White and Klondyke, Yellow., ea.....		.15	.50
Extra Early Flowering. Mammoth White, Crimson, Pink and Mixed.....		.15	.60
CYCLAMEN (Giant Flowering). Best strain of seed obtainable. Grown for me by a Cyclamen specialist in Germany. I am selling seed to some of the best and largest growers in this country.			
		100 seeds	1000 seeds
Wonder of Wandsbek. Salmon.....		\$1.00	\$9.00
Pearl of Zehlendorf. Salmon.....		1.00	9.00
Light Pink, Christmas Red, Rose, Pure White, White with Pink Eye, Crimson		Each .75	7.00



Cyclamen, Giant White

PRIMULA OBCONICA.

"Arends," Ronsdorfer Hybrids. Finest strain obtainable.

Grandiflora. This is a fine, large-flowering strain, best for general commercial use. It flowers more freely than the Gigantea strain, making a more attractive plant that will sell better.

Salmon (New). 150 seeds, 50c. **Kermesina (Red).** 500 seeds, 50c.

Apple Blossom, 500 seeds, 50c. **Cærulea (Blue).** 500 seeds, 50c.

Rosea, 500 seeds, 50c. **Lilacina (Lilac).** 500 seeds, 50c.

Crispa. Mixed colors, dwarf in habit, with ruffled flowers. 500 seeds, 50c.

Oculata. Mixed colors, with eye. 500 seeds, 50c.

Compacta. Mixed colors; dwarf habit; fine for pots. 500 seeds, 50c.

Mixed in all colors. 500 seeds, 50c.

Gigantea. Giant flowering varieties.

Apple Blossom (New). 250 **Purple,** 500 seeds, 50c. seeds, 50c.

Rosea, 500 seeds, 50c. **Kermesina,** 500 seeds, 50c.

Lilacea, 500 seeds, 50c. **Oculata,** 500 seeds, 50c.

Compacta Mixed (New). 200 seeds, 50c. **Mixed,** 500 seeds, 50c.

5 pkts. of any **Obconica** varieties.....\$2.00

10 pkts. of any **Obconica** varieties..... 3.50

25 pkts. of any **Obconica** varieties..... 7.50

Malacoides. Tr. pkt. 25c.

RICINUS Zanzibariensis, Mixed. Oz. 20c., ¼ lb. 50c.

SALVIA

	Tr. pkt.	Oz.
Bonfire (Clara Bedman).....	\$0.50	\$2.50
Zurich.....	.50	4.00
Ball of Fire.....	.50	3.00
Splendens (Scarlet Sage).....	.25	1.50

SALPIGLOSSIS. Large flowering, finest mixed.25 2.00

SCHIZANTHUS Wisetonensis. Finest mixed.

1-16 oz. \$1.00 .50

SHAMROCK (True Irish)..... ½ oz. 60c. .25 1.00

SMILAX 35c. per oz., ¼ lb. \$1.00.

SNAPDRAGON.

Buxton's Silver Pink (Originator's seed). Tr. pkt., 1500 seeds, \$1.00.

Keystone. A new, clear Rose Pink which blooms from November on through the Winter, with fine stems. Tr. pkt. \$1.00, 6 tr. pkts. for \$5.00.

Ramsburg's Silver Pink (Originator's Seed). Tr. pkt. \$1.00, 3 pkts. for \$2.50.

Nelrose, Phelps's Yellow, Phelps's White, Garnet. Tr. pkt. 50c.

STOCKS.

Tr. pkt. ¼ oz. Oz.

Beauty of Nice (Pink). Home-grown for me exclusively. This strain took first prize at the International Flower Show. 90% double. \$1.00 \$2.00 \$6.00

Princess Alice (Cut-and-Come Again). White. .25 .75 2.50

Queen Alexandra (Lilac)..... .25 .75 2.50

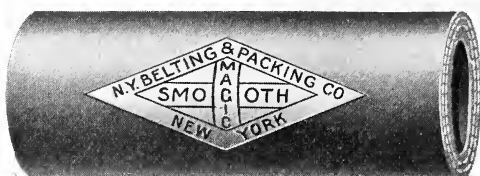
Dwarf German (Ten Weeks). In all colors... .25 .75 2.50

SWEET PEAS.

Zvolanek's Winter Orchid-Flowering. I have his New York agency. New prices will be ready about July 1st. Place your order early to get early delivery. I carry all the varieties. Prices will be mailed on application.

Spencer Varieties for Outside Sowing.	Oz.	¼ lb.	Lb.
Apple Blossom Spencer	\$0.20	\$0.75	\$2.00
Asta Ohn Spencer. Best lavender.....	.20	.75	2.00
Blanche Ferry Spencer.....	.25	.85	2.75
Countess Spencer.....	.20	.75	2.00
Dainty Spencer.....	.25	.80	2.50
Helen Lewis Spencer.....	.20	.75	2.00
King Edward Spencer.....	.20	.75	2.00
Primrose Spencer.....	.20	.75	2.25
White Spencer.....	.20	.75	2.00
Royal Purple.....	.75	2.50	8.00

	Tr. pkt.	1/4 oz.	Oz.
THUNBERGIA, Mixed.	\$0.15		\$0.75
VERBENAS.			
Choice Florist Mixture .....	.25	\$0.50	1.50
Mammoth, White, Giant Purple, Giant Striped, Defiance Scarlet, Firefly, Dark Blue with white eye, Mayflower Pink .....	.25	.50	1.50
VINCA.	Tr. pkt.	Oz.	
Rosea. Pink	\$0.25		\$0.75
Fl. alba. White with pink eye .....	.25		.75
Alba pura. Pure white .....	.25		.75
ZINNIAS. These are specially grown for me, and are the finest obtainable for cut flowers.			
	1/4 oz.	Tr. pkt.	Oz.
Giant Flowering, Finest Mixed	\$1.00	\$0.50	\$4.00
Orange and Yellow Shades	1.50	.50	5.00
Scarlet and Crimson Shades	1.50	.50	5.00
LAWN GRASS. Best mixture. Also Red Top, Kentucky Blue and other grasses. Prices on application.			



SUPPLIES

MAGIC HOSE

Best Hose Made

I know there is no better hose made for the money and would be pleased to give you names of several large growers who are using it, so that you can satisfy yourself. It comes in reel lots of 500 feet, can be cut in any length to suit you, with any size couplings to fit your faucets.

Per ft.

1/2-inch size, any length.....\$0.16

5-8-inch size, any length......17

3/4-inch size, any length......18

Couplings, 15c. per pair extra.

Special price on 250 feet or more.

These prices hold until August 15, 1917.

WHAT SOME GROWERS SAY WHO HAVE USED MAGIC HOSE

A. N. Pierson, Inc., Cromwell, Conn.—“We are using Magic Hose exclusively.”

Lehr. Bros., Brooklyn, Md. (Rose Growers).—“We find Magic Hose the best we ever bought. The 300 feet we bought from you eighteen months ago is still in use.”

I can refer you to many others who use same.

CARNATION CLIPS, BAUER'S

Price, per outfit, 1 plier and 1000 clips	\$2.00
Clips, per 1000 .....	.75
Clips, per 2000	1.25
Clips, per 5000	3.00
Clips, per 10,000	4.75
Clips, per 25,000	11.25
Clips, per 50,000	20.00

HOT BED MATS

Burlap. Sizes, 40 x 76 inches; 76 x 76 inches. Prices on application.	
Duck and Burlap. Sizes, 40 x 76 inches, 76 x 76 inches. Prices on application.	
Duck, Both Sides. Sizes, 40 x 76 inches, 76 x 76 inches. Prices on application.	

HOT BED SASHES

Glazed and Unglazed. Sizes and prices on application.

NEPONSET WATERPROOF PAPER POTS

Best paper pots made for shipping plants.

In crate lots only.

Quantity in Crate	Size	Weight per Crate	Price per 1000
1000	2 1/4	21 lbs.	\$2.45
1000	2 1/2	25 lbs.	2.80
1000	3	30 lbs.	3.90
1000	3 1/2	48 lbs.	5.25
500	4	28 lbs.	6.60
500	5	48 lbs.	11.00
500	6	75 lbs.	14.70

**ORCHID PEAT. (Fresh)**

In bags containing 2 bbls. each, \$3.00 per bag.

RAFFIA

Natural. Very best grade. Prices on application.

Colored. Very best grade. Prices on application.

PLANT STAKES

Japanese Bamboo (Natural).

Per Bale

6 feet, 1000 in bale.....\$7.50

6 feet, 2000 in bale.....13.50.

Other sizes, prices on application.

GREEN DYED JAPANESE BAMBOO

Fine for Lilies, etc. I carry these in all sizes in original bales.
Prices on application.

EXTRA HEAVY JAPANESE BAMBOO CANES

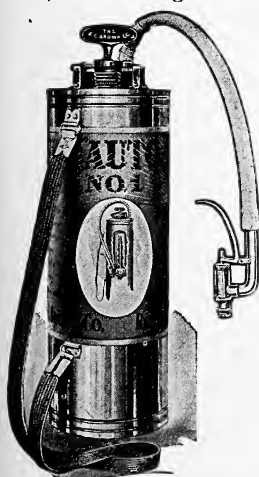
Suitable for nurserymen for staking young trees, Dahlias, etc.
8, 10 and 12 feet long. Prices on application.

SQUARE PLANT STAKES

Sizes and prices on application.

AUTO SPRAY

Eight to ten strokes compress enough air to discharge entire contents. Fitted with "Auto Pop" automatic valve which is closed by the air pressure. In operation, a lever is moved, opening the valve, and allowing an instantaneous discharge of spray.



Price, Galvanized Iron Reservoir,
\$4.50; with Auto Pop, \$5.40.

Solid Brass Reservoir, \$6.75; with
Auto Pop, \$7.65.

Brass Extension Rod, in 2-ft. lengths,
each 35c.

Galvanized Extension Rod, in 2-ft.
lengths, each 25c.

TRELLIS

Lattice, Fan and Bow styles. Sizes
and prices on application.

FERTILIZERS

Sheep Manure. Very best grade of
pure Sheep manure. Prices on appli-
cation.

OTHER FERTILIZERS

Prices on applicaiton.

INSECTICIDES

Nico-Fume Liquid. Express prepaid. For fumigating or spraying. Contains 40% Nicotine. Per can

8-lb. can, contains about 1 gal.....	\$10.50
4-lb. can, contains about ½ gal.....	5.50
1-lb. can, contains about 1 pt.....	1.50
¼-lb. can, contains about ¼ pt.....	.50

"Nico-Fume Paper." Parcel Post paid. A Tobacco Paper for fumigating. Strips of paper strongly saturated with Nicotine. These, when suspended and lighted, make one of the best and simplest methods of fumigating greenhouses. Use four to six sheets for ordinary house 100 feet long by 20 feet wide. Same can be sent by Parcel Post to many points cheaper than by express.

Per can

Large can, containing 288 sheets.....	\$7.50
Half can, containing 144 sheets.....	4.00
Small can, containing 24 sheets.....	.85

APHINE. Gals. \$2.50, qts. \$1.00, pts. 65c., ½ pts. 40c., ¼ pts. 25c.

APHIS PUNK. Special Nicotine paper for killing insects. Pkg. 12 sheets, 60c.; 1 case, 12 pkgs., \$6.50.

FUNGINE. Gals. \$3.50, qts. \$1.00, pts. 65c., ½ pts. 40c.

LEMON OIL. For destroying Green and Black Fly, Mealy Bug, Scale, Red Spider, etc.

½ pt.....	\$0.25	½ gal.....	\$1.25
1 pt.....	.40	1 gal.....	2.00
1 qt.....	.75	5-gal. can.....	9.00
10-gal. can.....			17.50

Directions on every can.

NIKOTEEN. Use same as Nicoticide. Pt. \$1.50, 1 case, containing 10 pts., \$13.00.

NICOTICIDE LIQUID.

1-gal. can.....	\$15.00	1-qt. can.....	\$4.50
½-gal. can.....	8.25	1-pt. can.....	2.50
½-pt. can.....			1.25

TOBACCO DUST.

Fumigating. Best grade, 100 lbs..... 4.00

Tobacco Dust. For dusting. 100 lbs..... 2.75

Large bag of 400 lbs..... 10.00

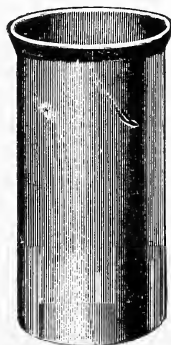
TOBACCO STEMS. Good, clean stems. Prices f. o. b. New York.

100 lbs. \$1.50, 500 lbs. \$6.50, 1000 lbs. \$11.00.

VERMINE. Gals. \$3.00, qts. \$1.00, pts. 65c., ½ pts. 40c., ¼ pts. 25c.

FLORISTS' FIBER VASES

For displaying cut flowers on the counter these vases are unexcelled. Also for use in florists' refrigerators, etc. They are not as easily broken as earthenware, and do not rust out like metal vases. They keep water cool for a long time. Rich and handsome in appearance, easily cleaned and durable. Plain mahogany finish constantly in stock. Enamelled green on special order in lots of not less than half gross. (Also in white if desired).



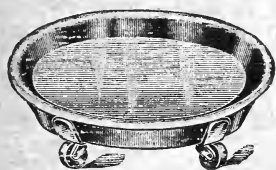
	Depth Inside	Diam. Inside	Carton Contains	Carton Weights
No. 0	13 in.	8 in.	½ doz.	25 lbs.
No. 1	10½ in.	5½ in.	½ doz.	17 lbs.
No. 2	9 in.	4½ in.	½ doz.	11 lbs.
No. 3	6½ in.	4 in.	½ doz.	7 lbs.
No. 4	5 in.	3 in.	½ doz.	5 lbs.
No. 00	21 in.	9½ in.	1-12 doz.	10 lbs.
No. 01	20 in.	7 in.	1-12 doz.	7 lbs.
No. 11	18 in.	6 in.	½ doz.	30 lbs.
No. 22	15 in.	4½ in.	½ doz.	16 lbs.
No. 33	12 in.	4 in.	½ doz.	12 lbs.
No. 44	9 in.	3 in.	½ doz.	7 lbs.

At market price; price has changed twice since Jan. 1st. Will quote on application.

FIBER SAUCERS FOR FLOWER POTS

Light and not readily broken, easy to clean and with a surface that will not scratch woodwork as earthen-ware does, and they do not sweat through the mould.

In all sizes. Prices on application.



ROLLING STANDS

The device consists of two steel pieces securely riveted and equipped with castors; a strong and compact support for plants in pots or tubs. Can be readily rolled about from place to place without injuring the floor or carpet.

Sold complete with saucer. Enamelled green on special order only in lots of not less than three dozen.

In all sizes. Price on application.

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Everything in Small Commercial Plants and Cuttings Bulbs and Seeds

EASTER DATES

1917	-	-	April 8th	1921	-	-	March 27th
1918	-	-	March 31st	1922	-	-	April 16th
1919	-	-	April 20th	1923	-	-	April 1st
1920	-	-	April 4th	1924	-	-	April 20th
1925	-	-	April 12th				

ROMAN J. IRWIN

IMPORTER

108 WEST 28th STREET
NEW YORK CITY



Seeds

Bulbs

Ferns

'Mums

Roses

Magic Hose

Cyclamen

Primroses

Carnations

Poinsettias

Begonias

Fern Flats

Cold Storage Lillies